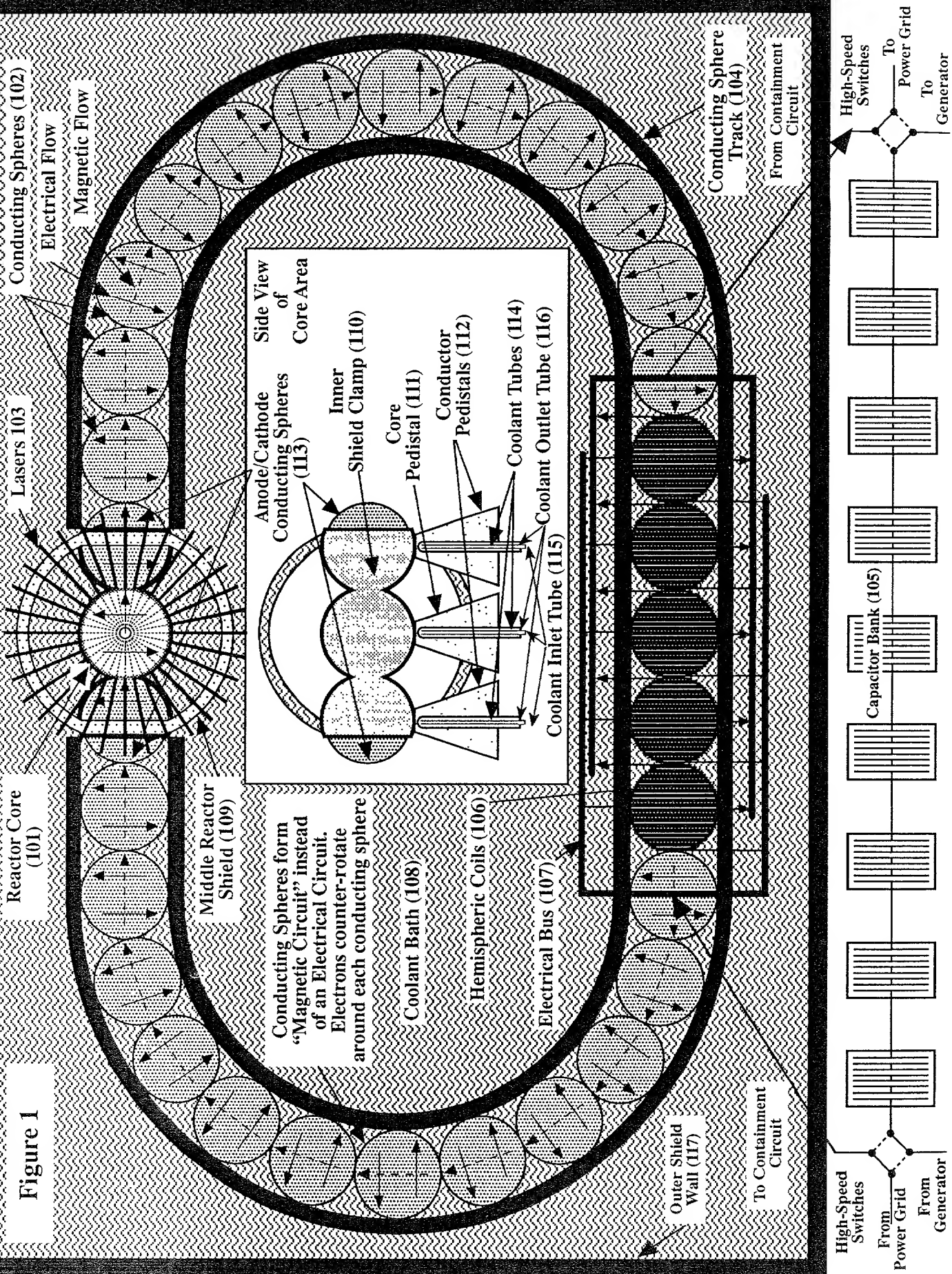


Figure 1



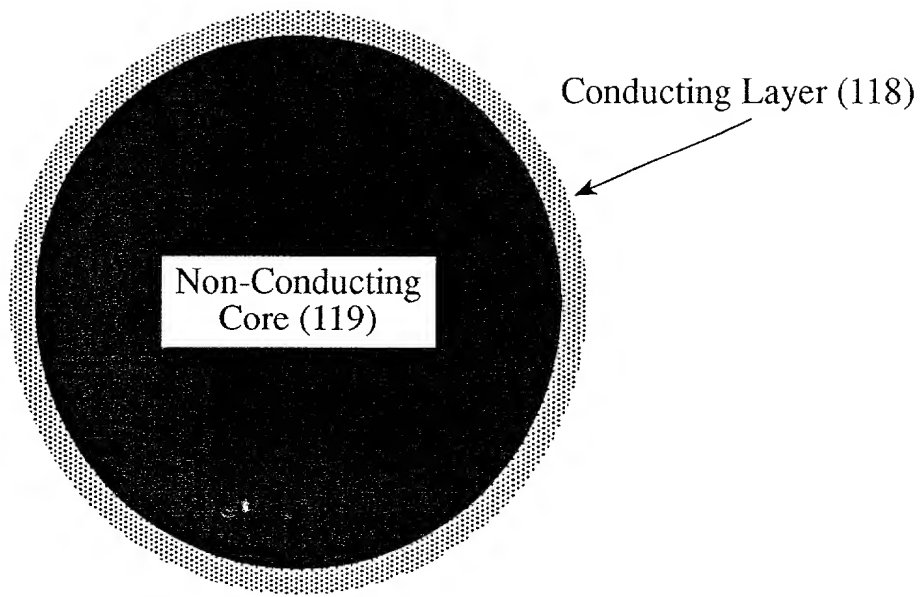


Figure 2

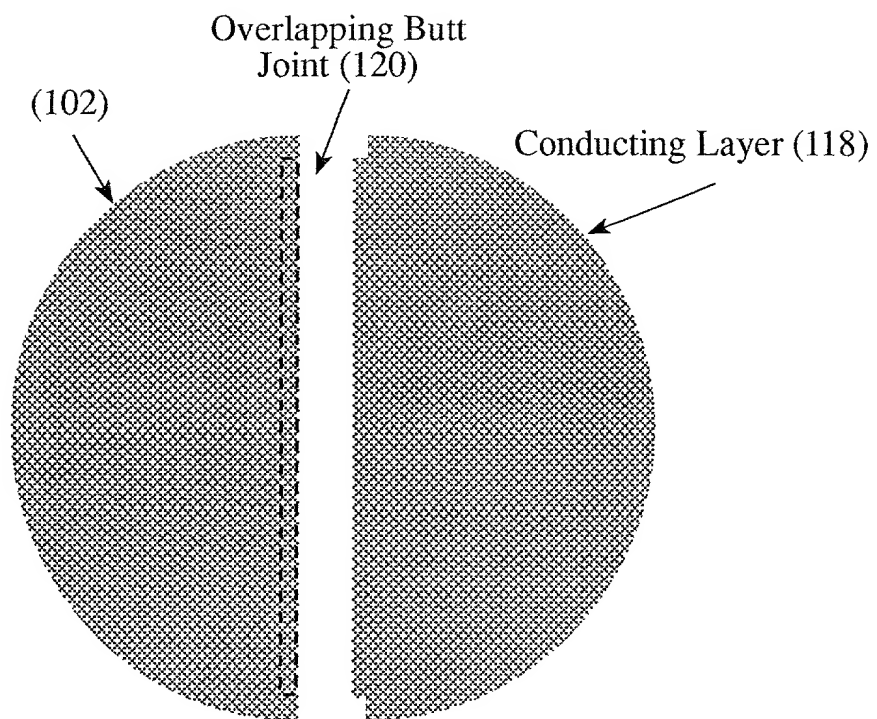


Figure 3

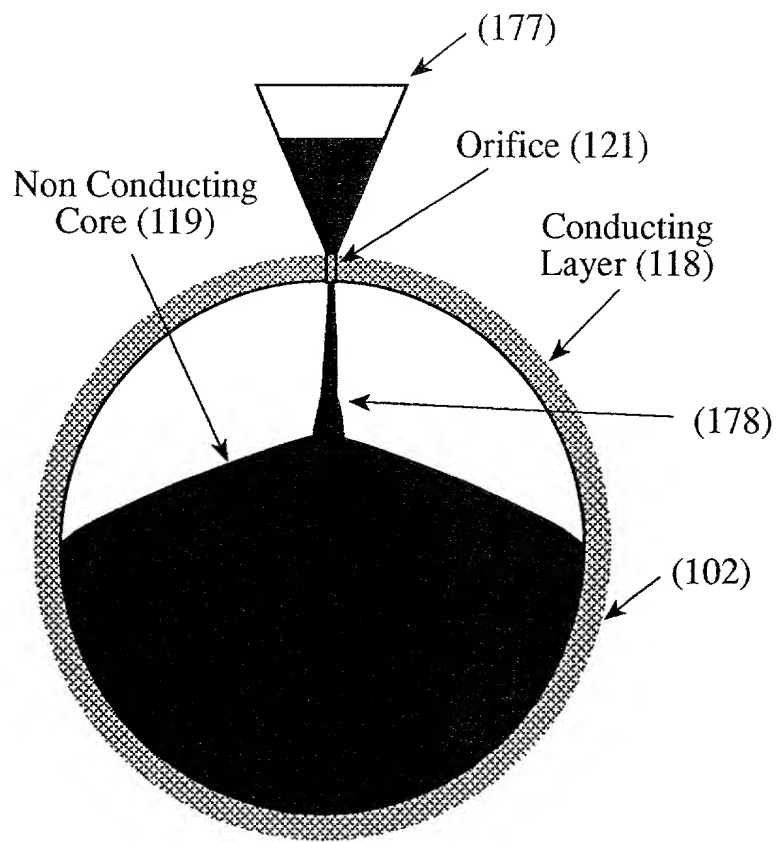


Figure 4

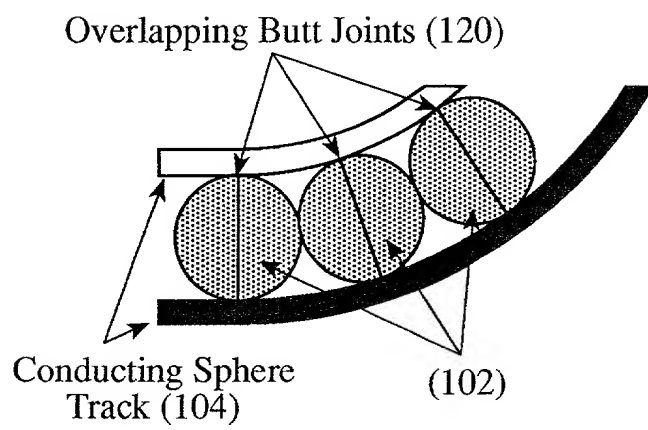


Figure 5

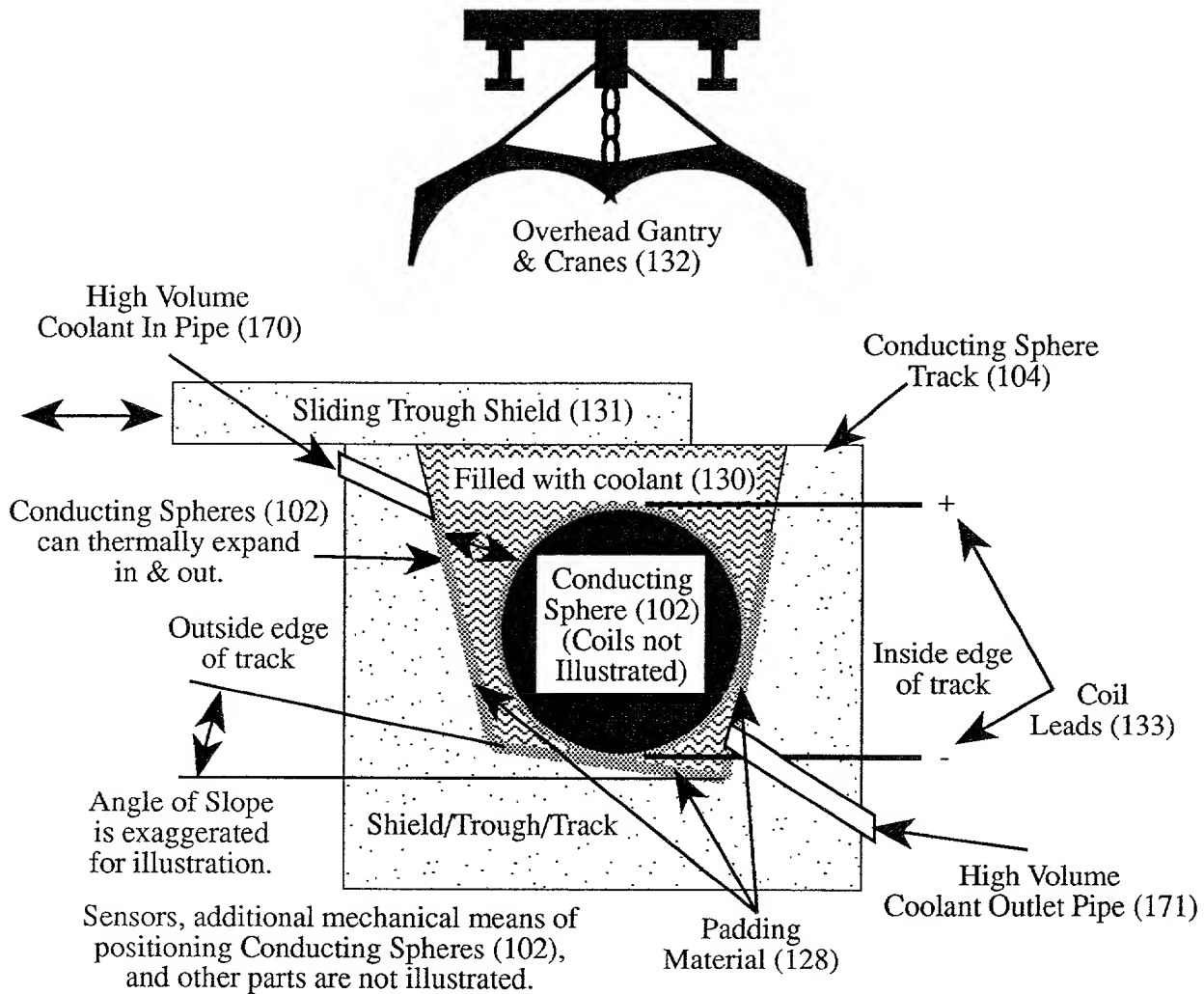


Figure 7

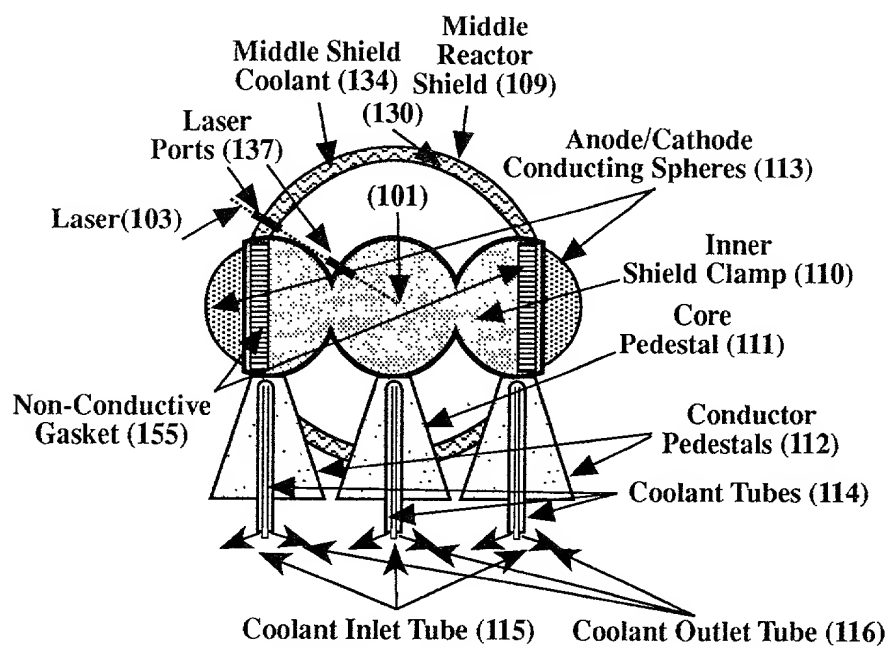


Figure 8

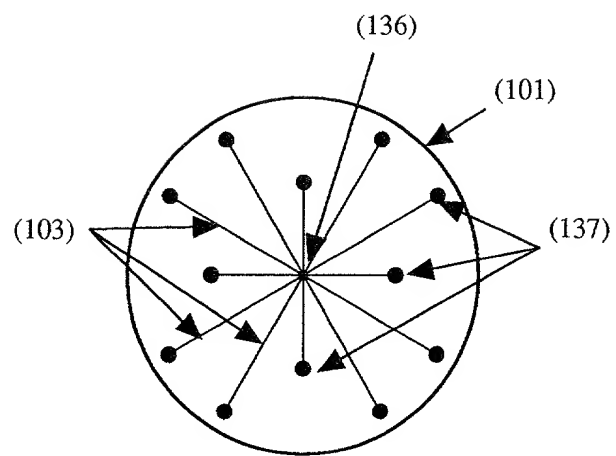


Figure 10

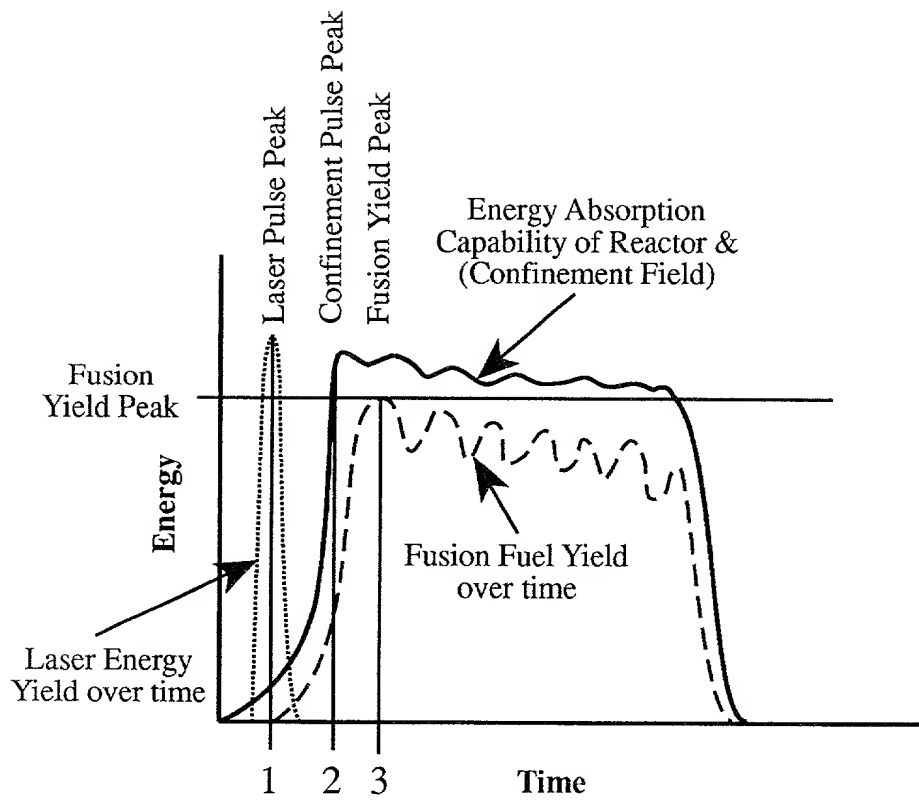


Figure 11

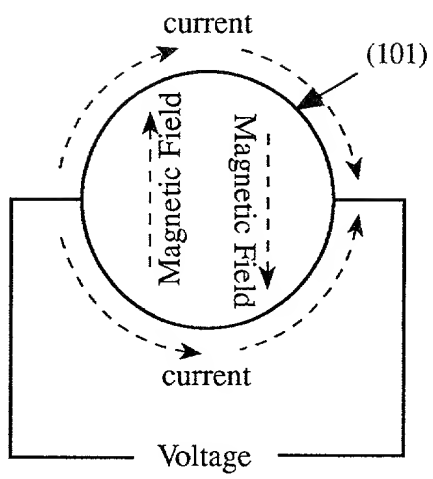


Figure 12

FIG. 12 is a schematic diagram of a circular device (101) showing current flow and magnetic fields.

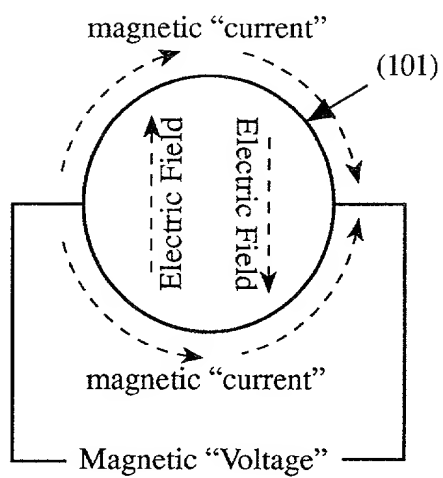


Figure 13

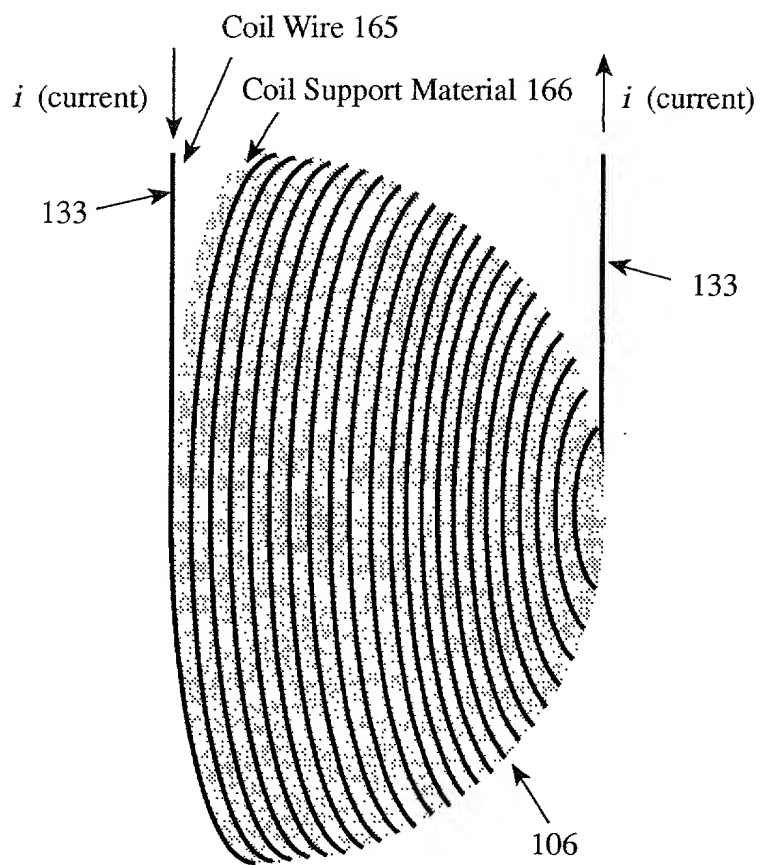


Figure 14

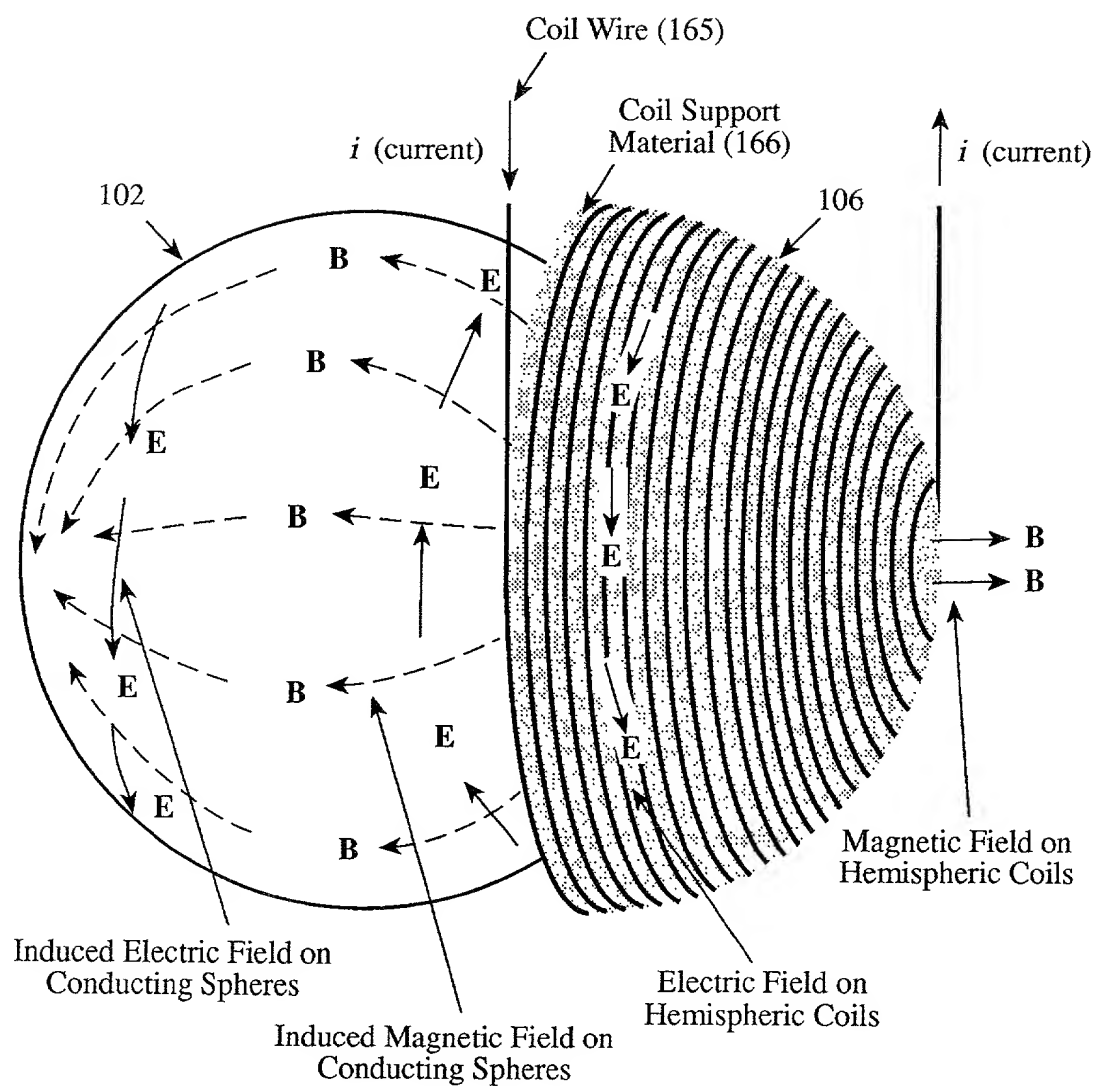


Figure 15

Exploded View of
Parallel Hemispheric Coils

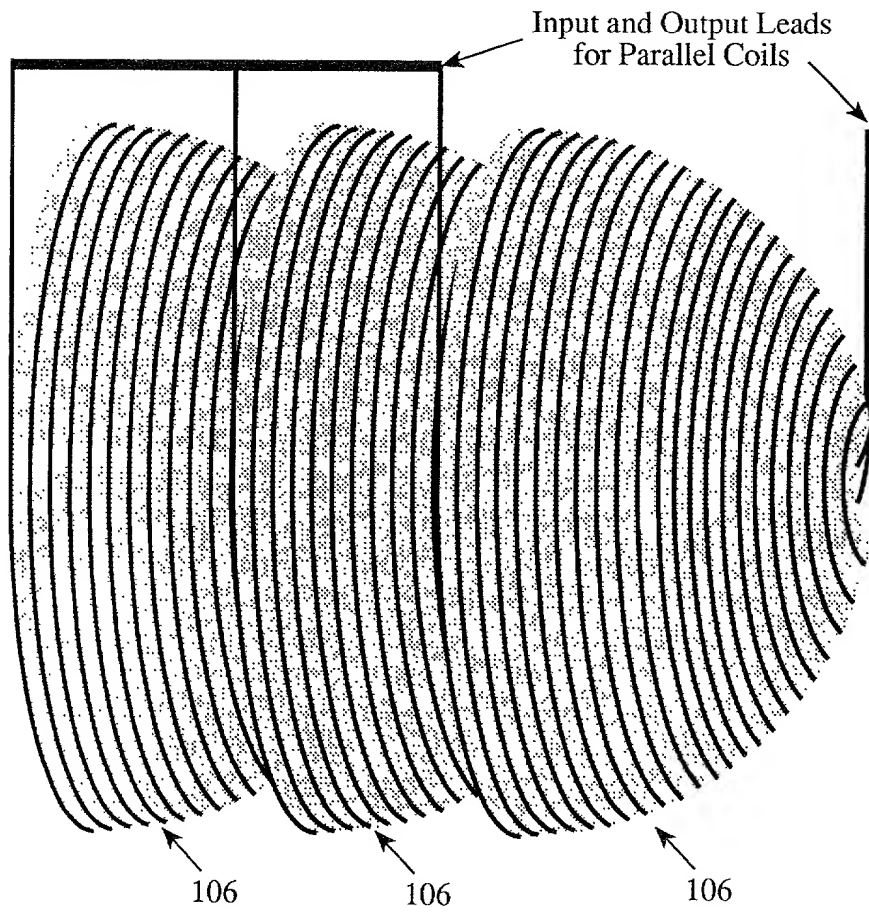


Figure 16

Exploded View of
Parallel Hemispheric Coils
Connected in Series

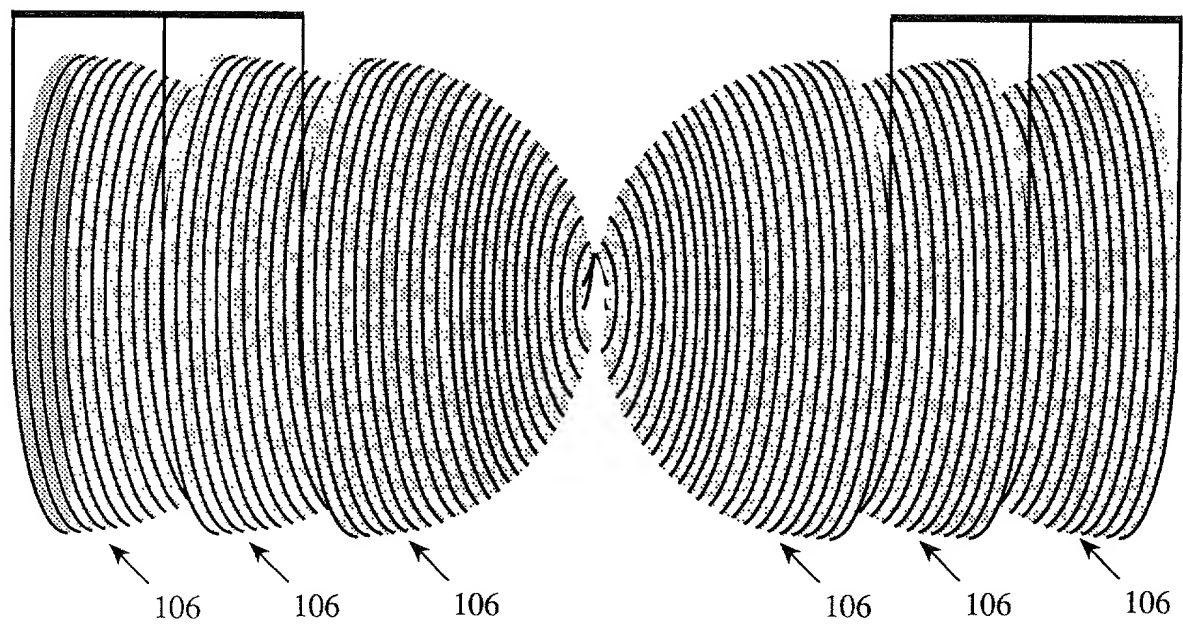


Figure 17

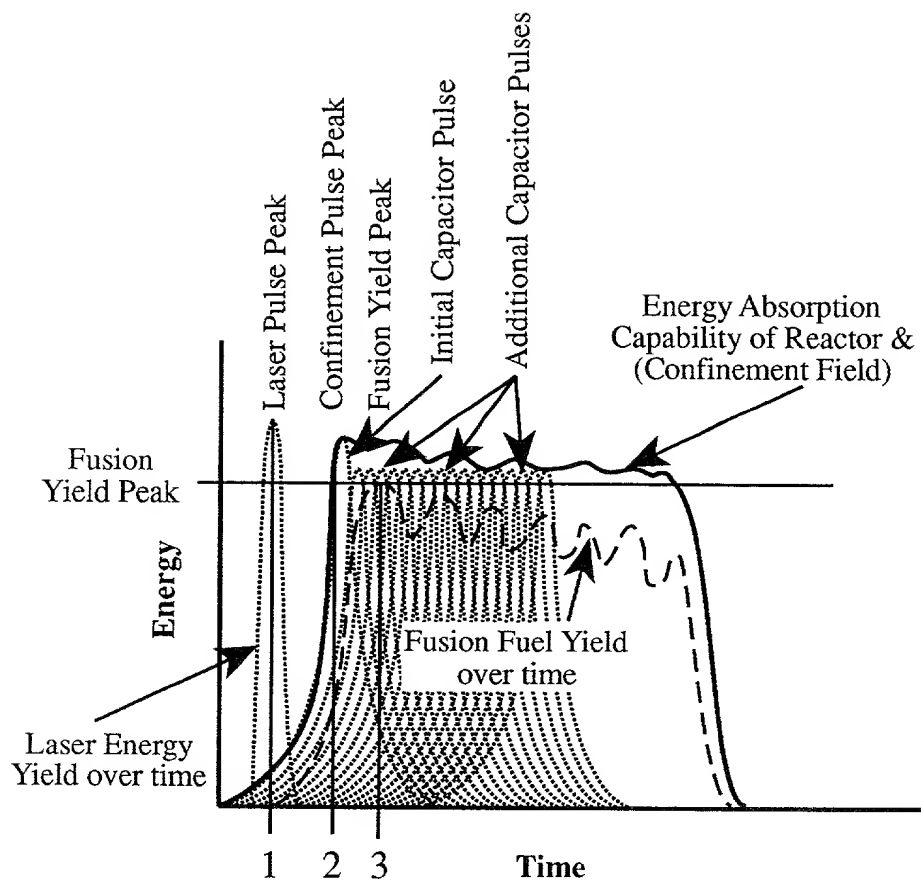


Figure 18

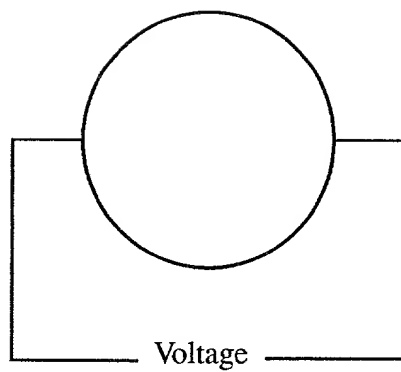


Figure 19

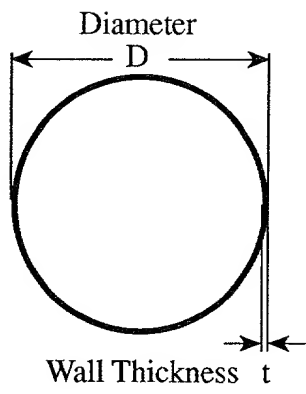


Figure 20

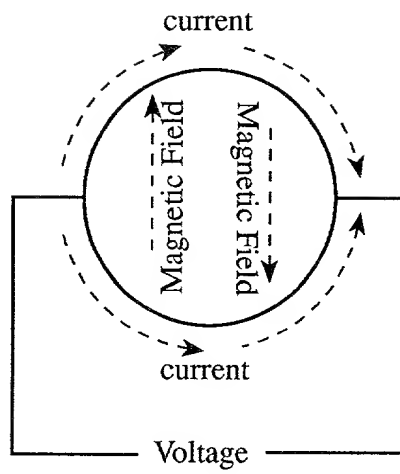


Figure 21

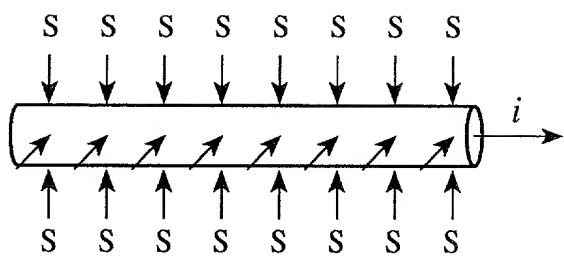


Figure 22

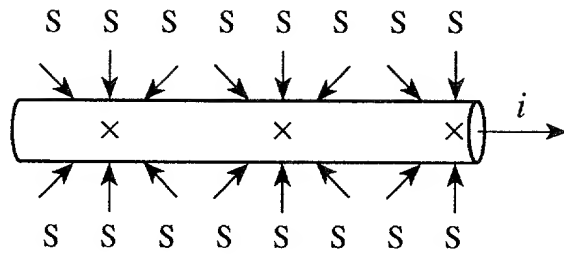
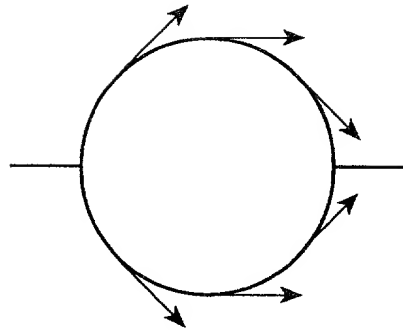
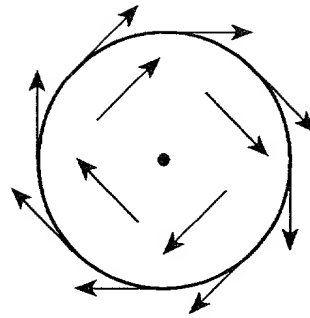


Figure 23



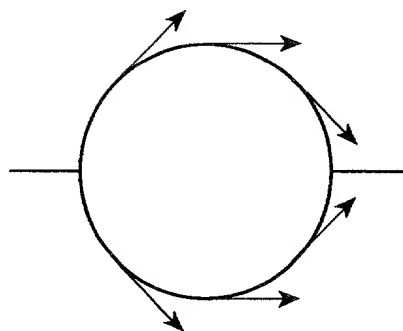
Side View of Core
Tangential Electrical Field



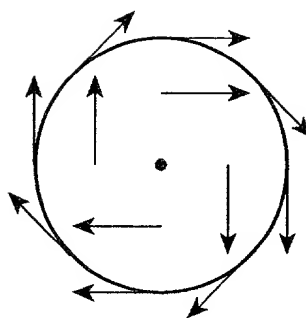
End View of Core
Tangential Magnetic Field

Figure 24(a)

Figure 24(b)



Side View of Core
Tangential Magnetic Field



End View of Core
Tangential Electrical Field

Figure 25(a)

Figure 25(b)

Figure 25(a) and Figure 25(b) show the side and end views of a core, respectively, illustrating the tangential magnetic and electrical fields. The side view (a) shows a circular core with a horizontal line passing through its center, and the end view (b) shows a circular core with a central dot. Arrows indicate the direction of the fields.

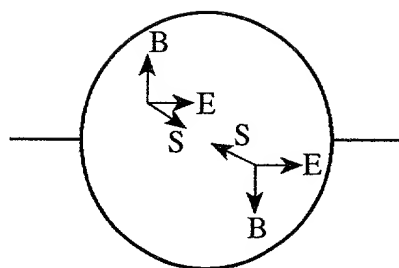


Figure 26

Figure 26 shows a circle with two horizontal lines extending from its left and right sides. Inside the circle, there are two sets of vectors. The upper set consists of three vectors labeled B, E, and S, where B is vertical, E is horizontal, and S is diagonal. The lower set consists of three vectors labeled S, E, and B, where S is diagonal, E is horizontal, and B is vertical.

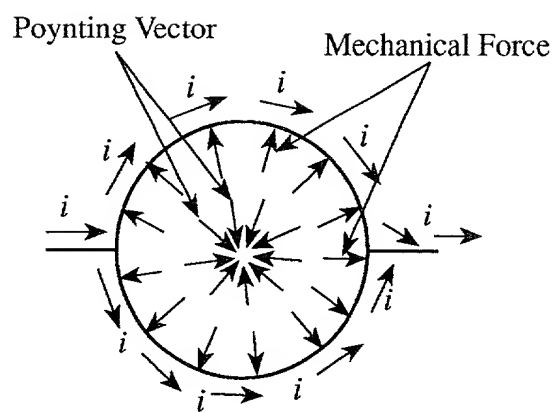


Figure 27

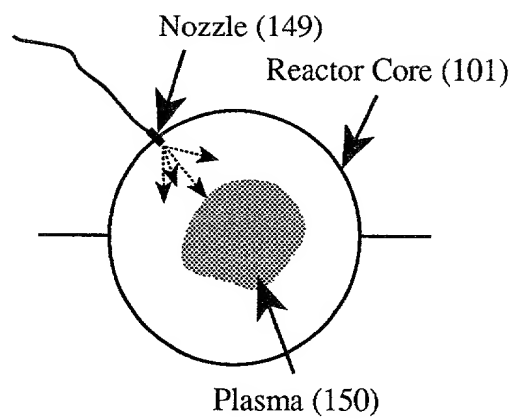


Figure 28

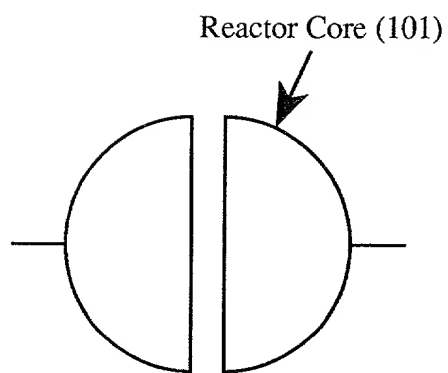


Figure 29(a)

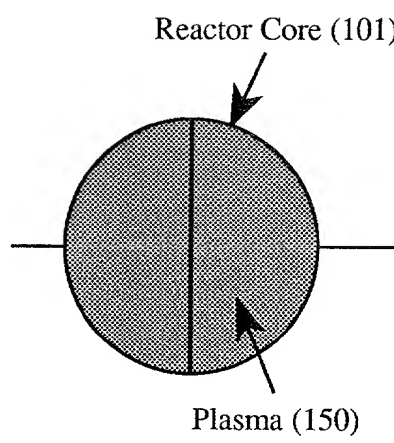


Figure 29(b)

Figure 29(a) and Figure 29(b) are schematic diagrams of a reactor core cross-section. Figure 29(a) shows a circle divided vertically by a single line, with two horizontal lines extending from the left and right sides. An arrow points from the text 'Reactor Core (101)' to the right half of the circle. Figure 29(b) shows a similar circle divided vertically by a single line, with two horizontal lines extending from the left and right sides. The interior of the circle is filled with a stippled pattern. An arrow points from the text 'Reactor Core (101)' to the right half of the circle. Another arrow points from the text 'Plasma (150)' to the stippled area on the right half of the circle.

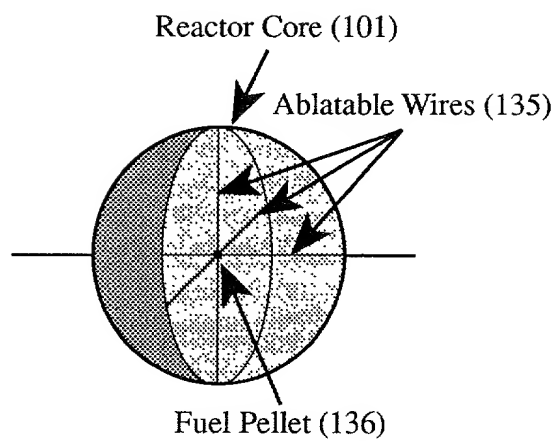


Figure 30

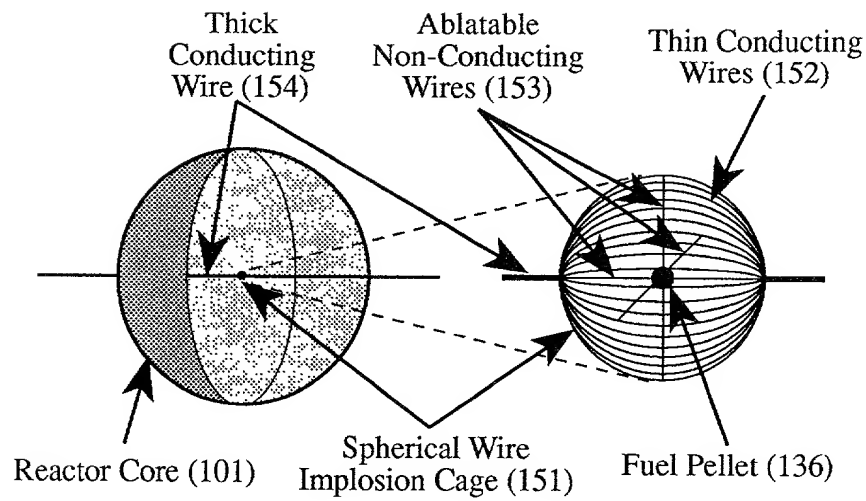


Figure 31

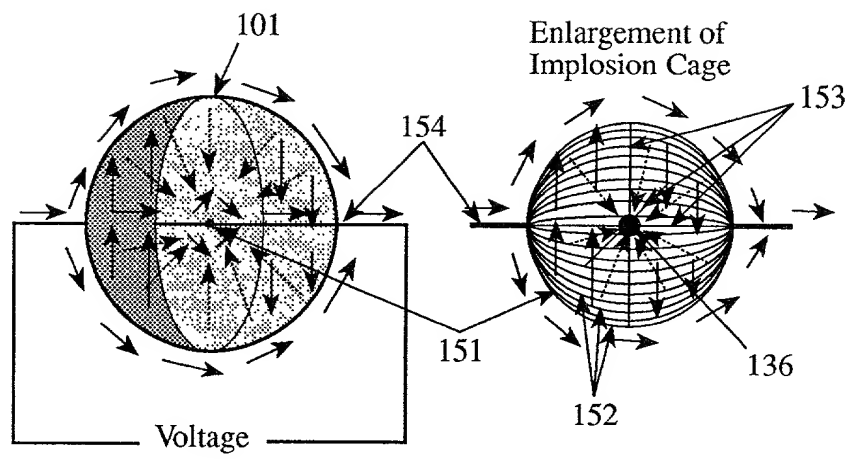


Figure 32

Enlargement of
Implosion Cage
(Designed for Magnetic
Mode operation)

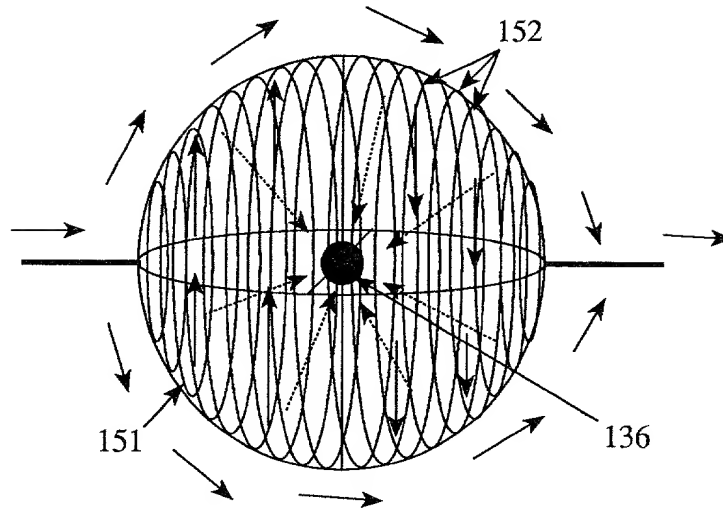


Figure 33

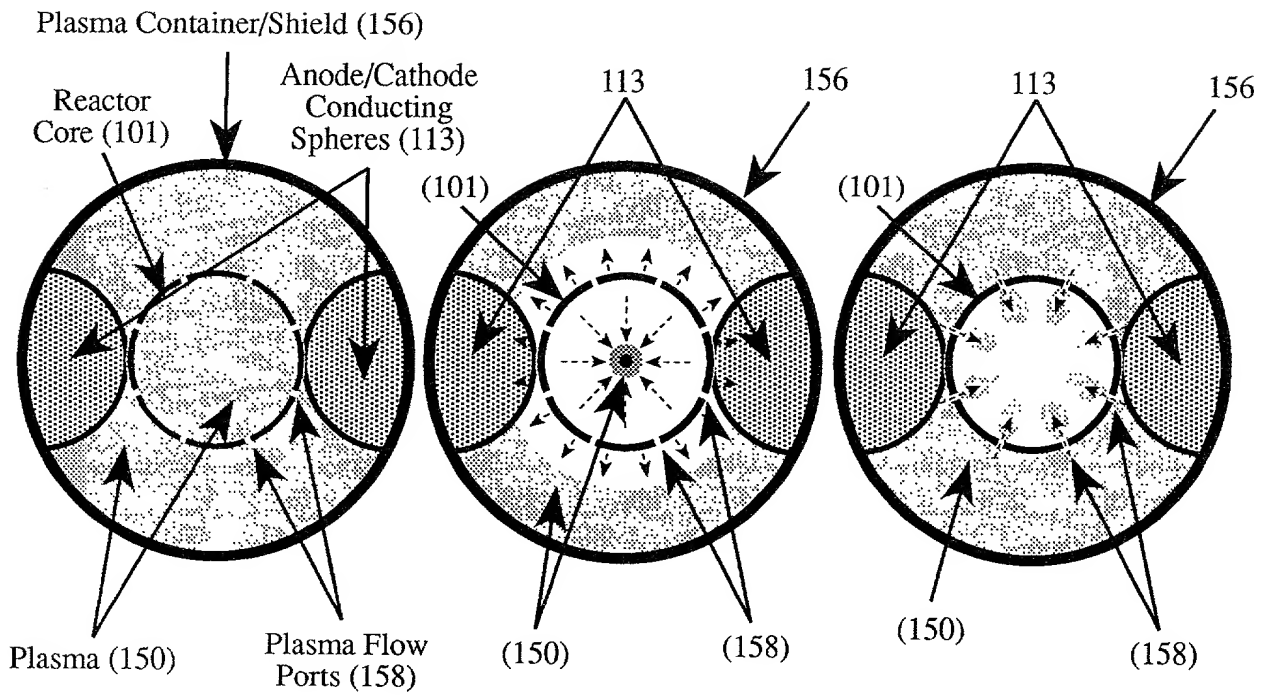


Figure 34(a)

Figure 34(b)

Figure 34(c)

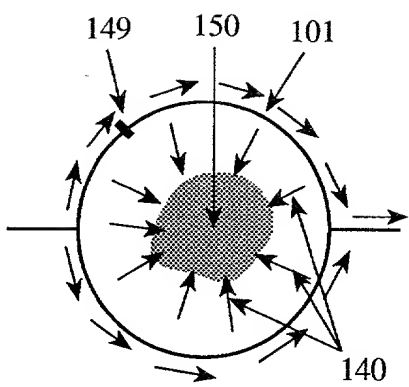


Figure 35

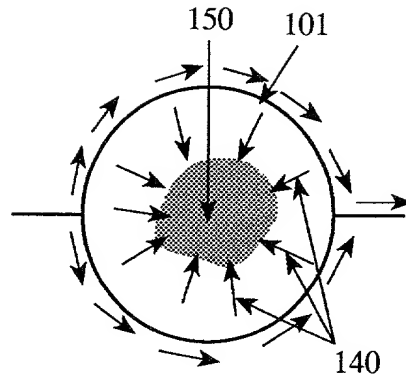


Figure 36

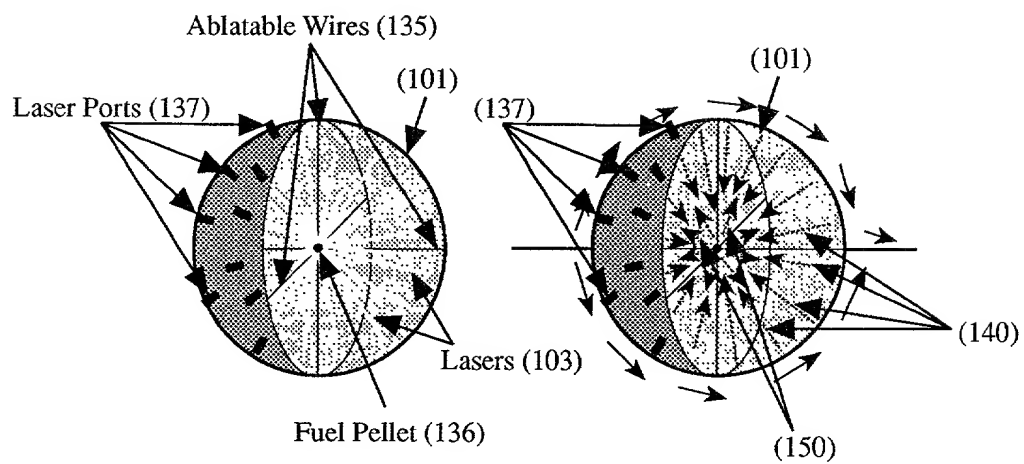


Figure 37(a)

Figure 37(b)

Figure 38(a)

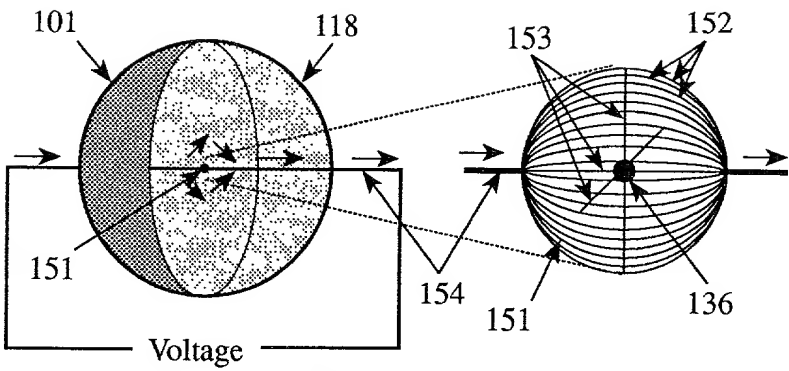


Figure 38(b)

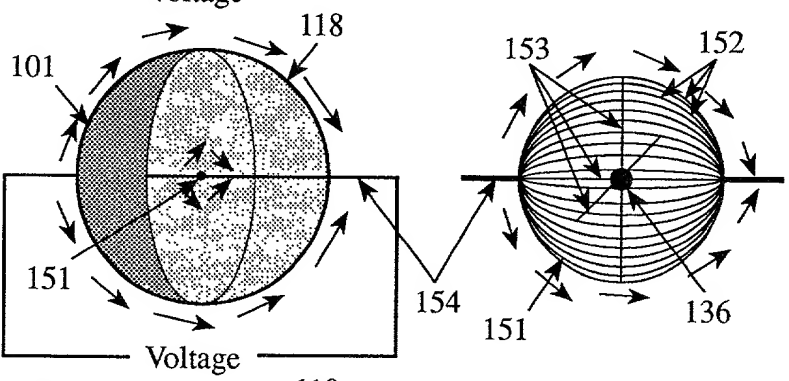


Figure 38(c)

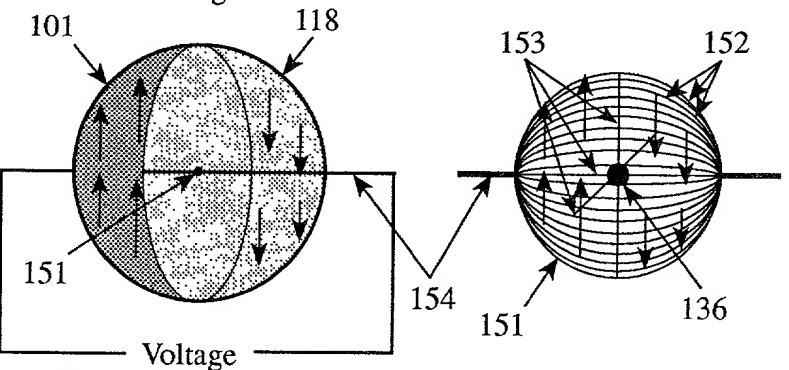
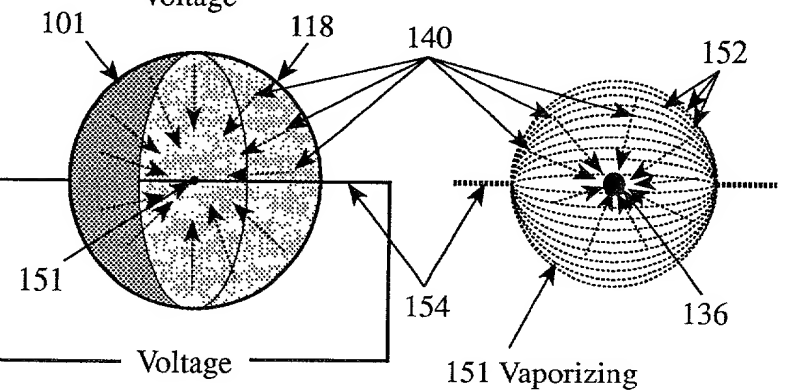


Figure 38(d)



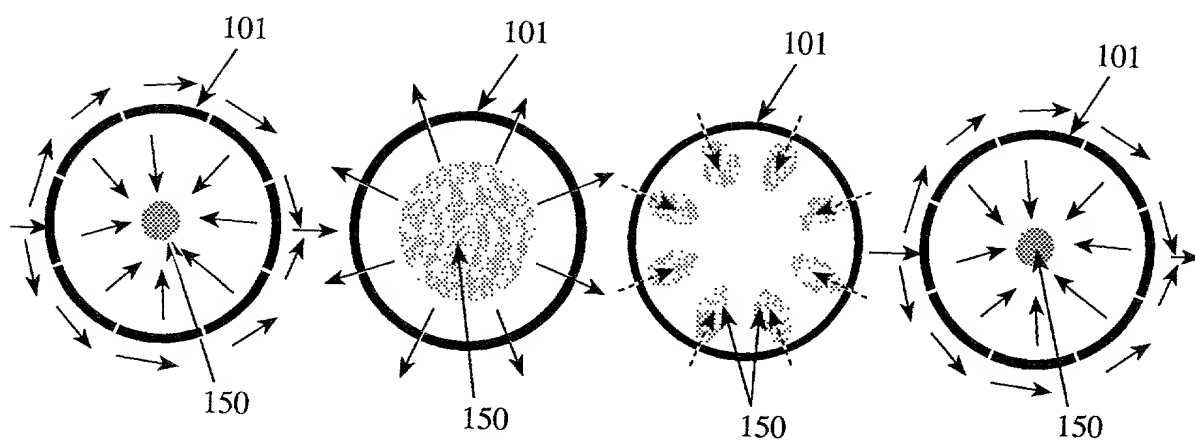


Figure 39(a)

Figure 39(b)

Figure 39(c)

Figure 39(d)

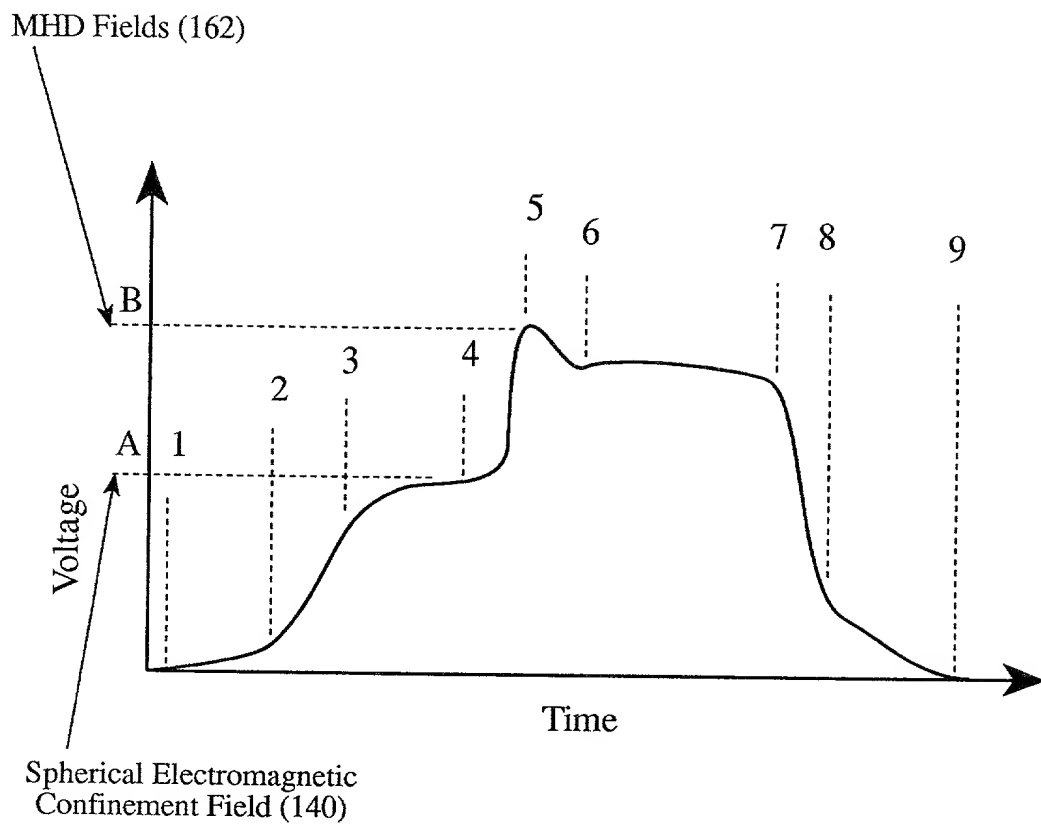


Figure 40

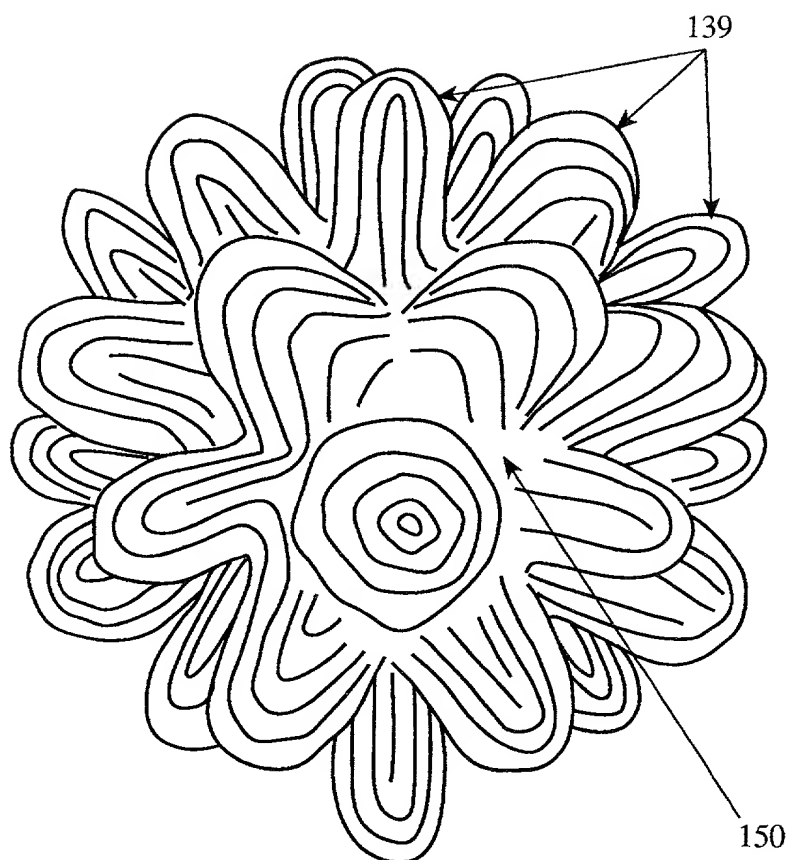


Figure 41

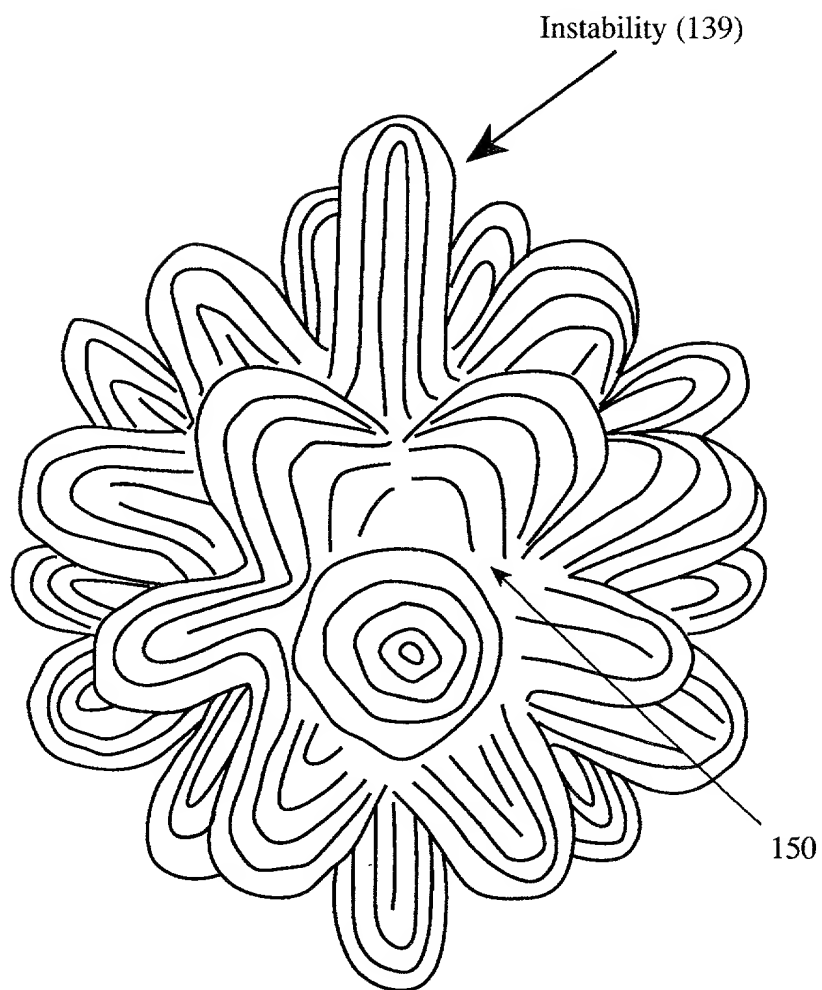


Figure 42

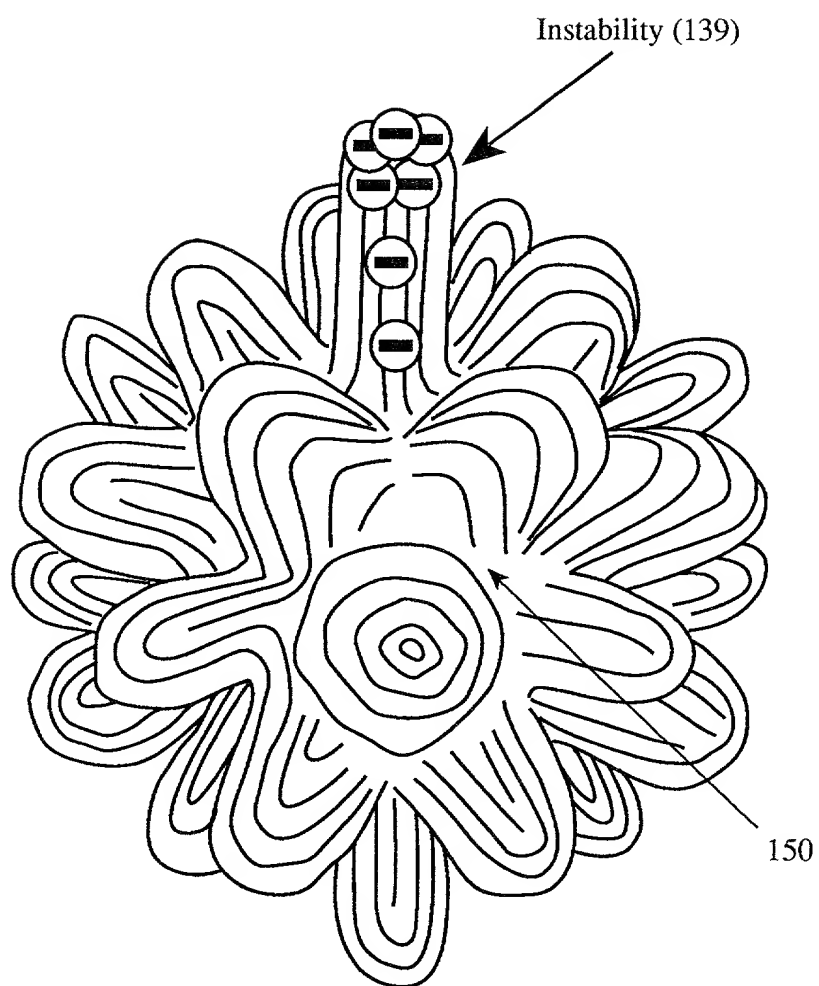


Figure 43

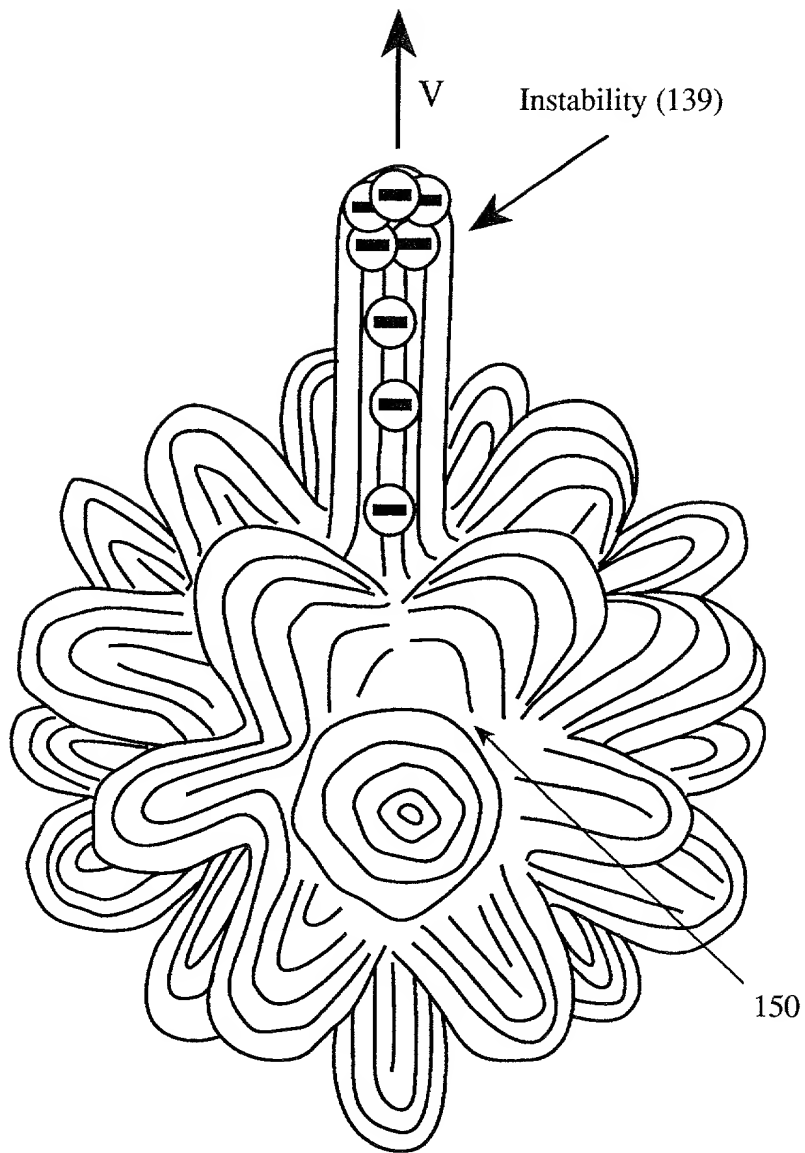


Figure 44

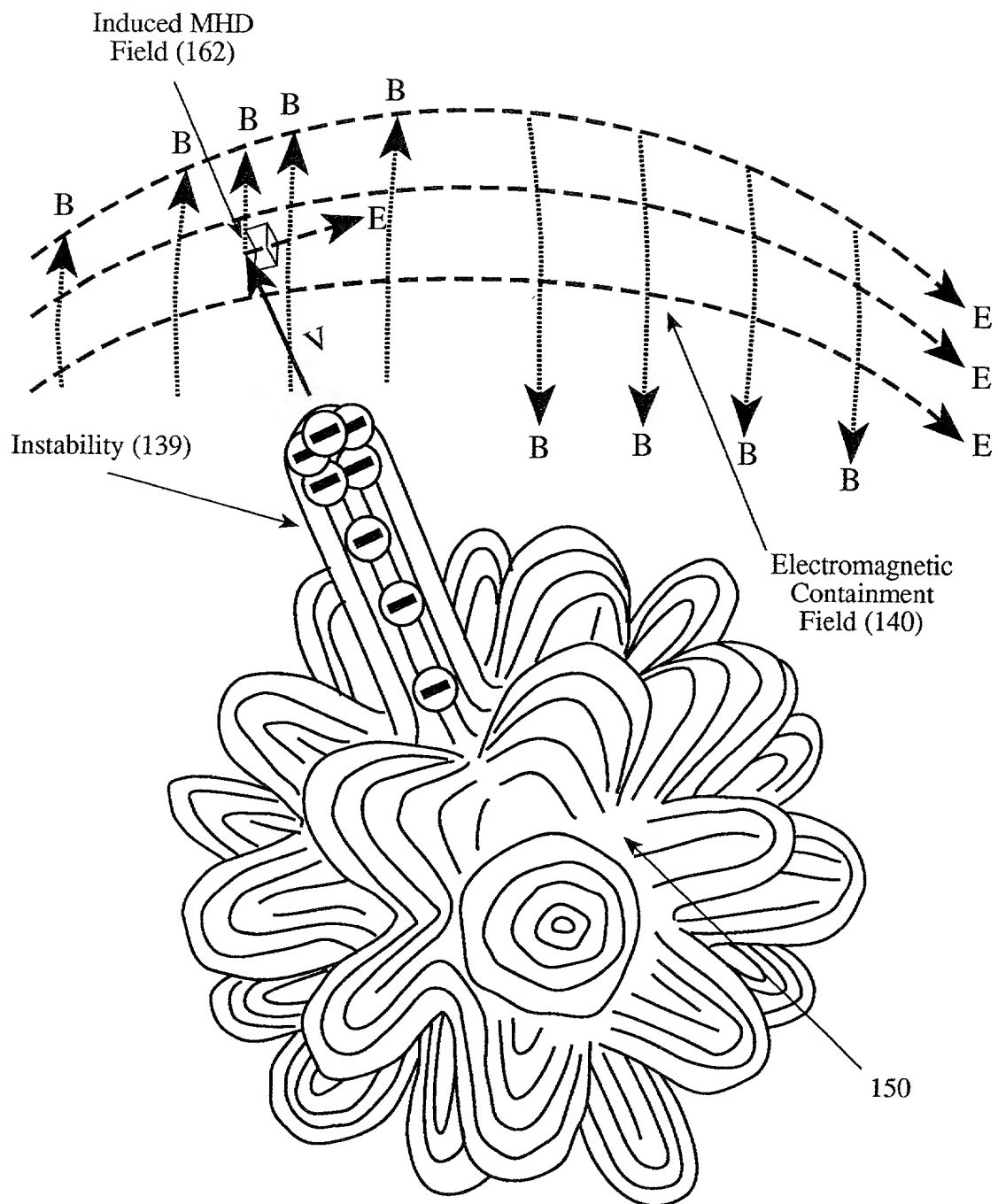


Figure 45

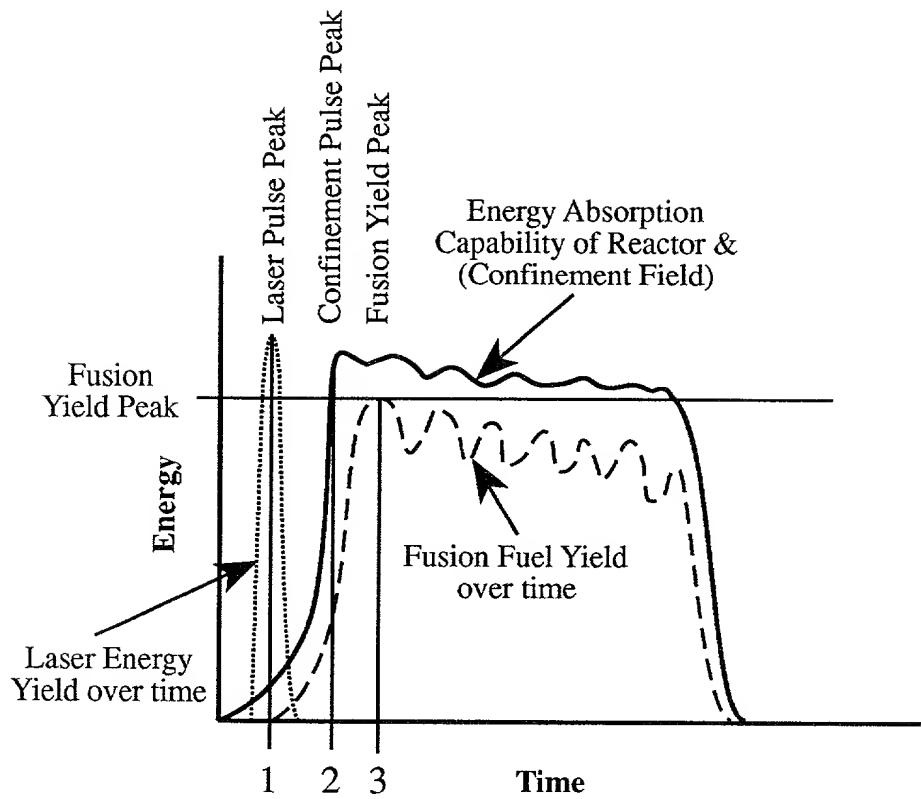


Figure 46

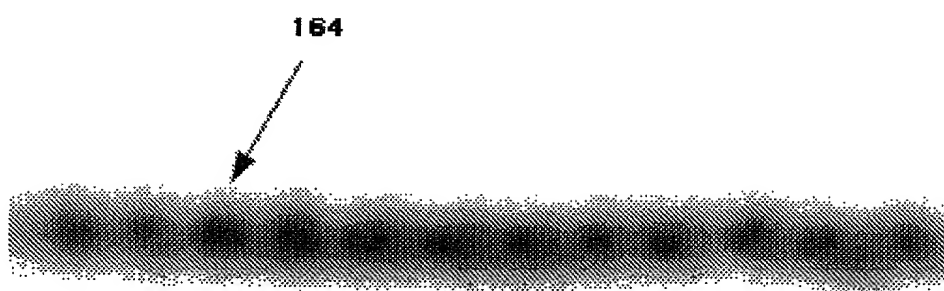


Figure 47

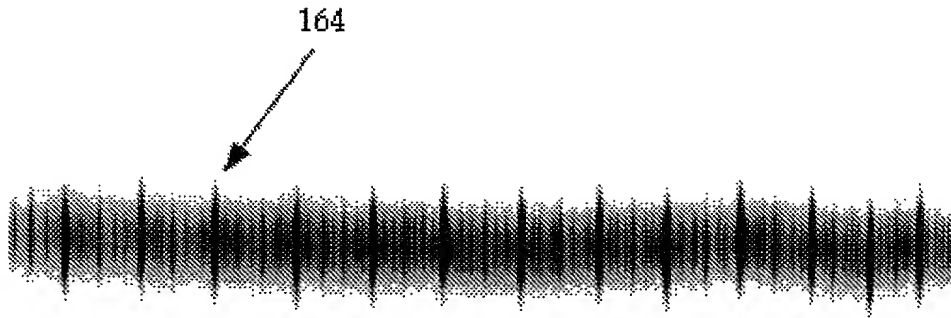


Figure 48

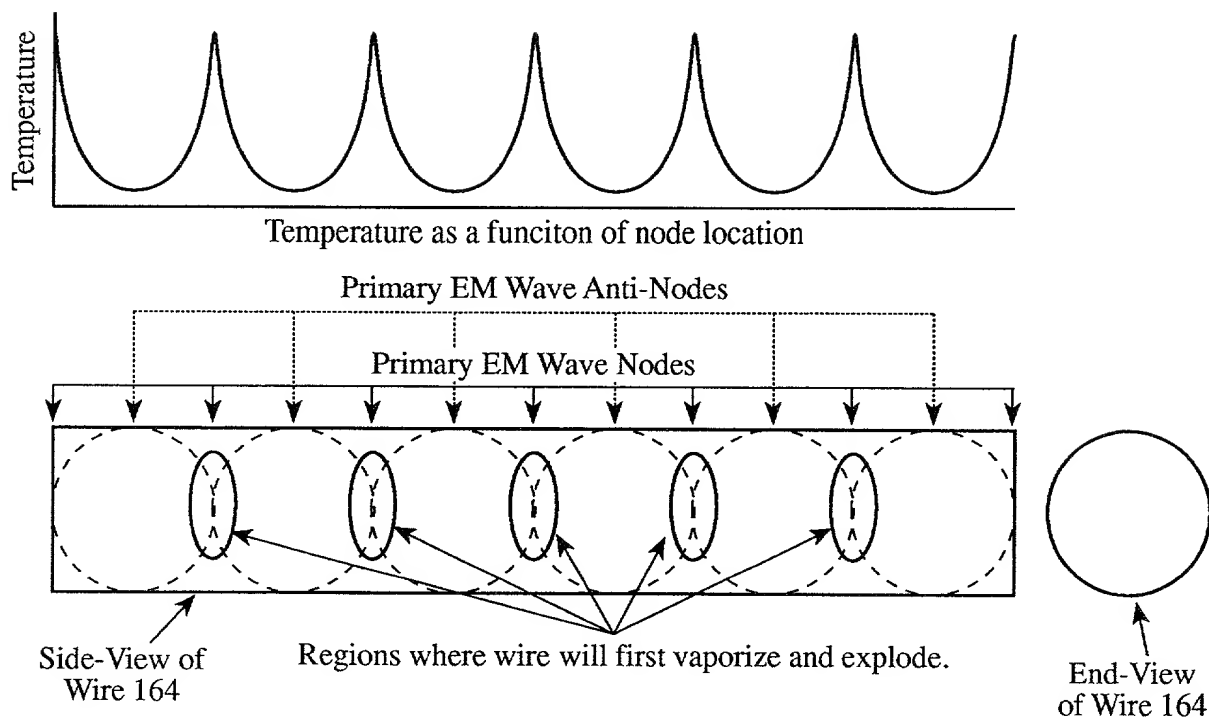


Figure 49

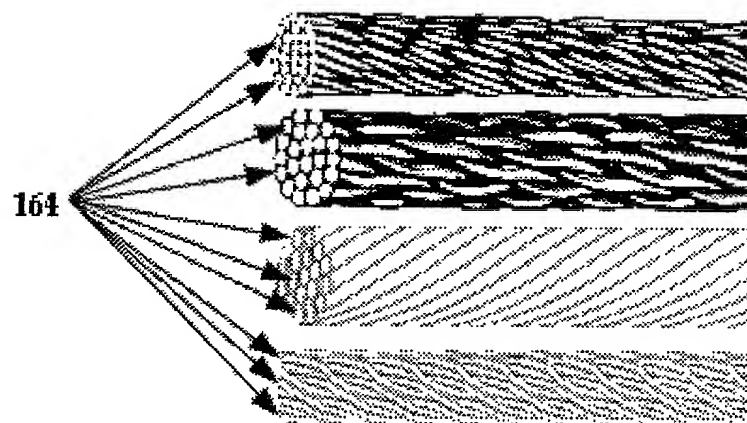


Figure 50

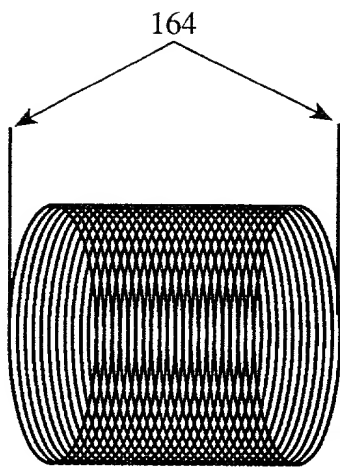


Figure 51(a)

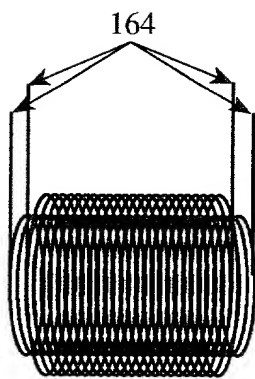


Figure 51(b)

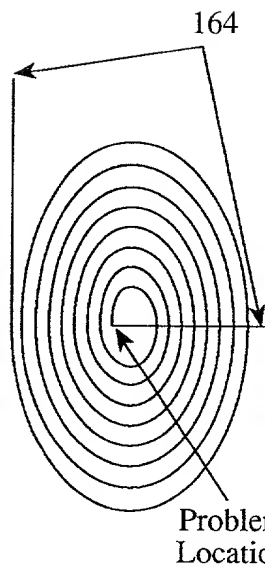


Figure 51(c)

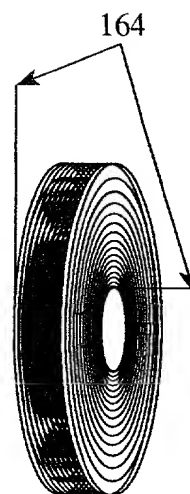


Figure 51(d)

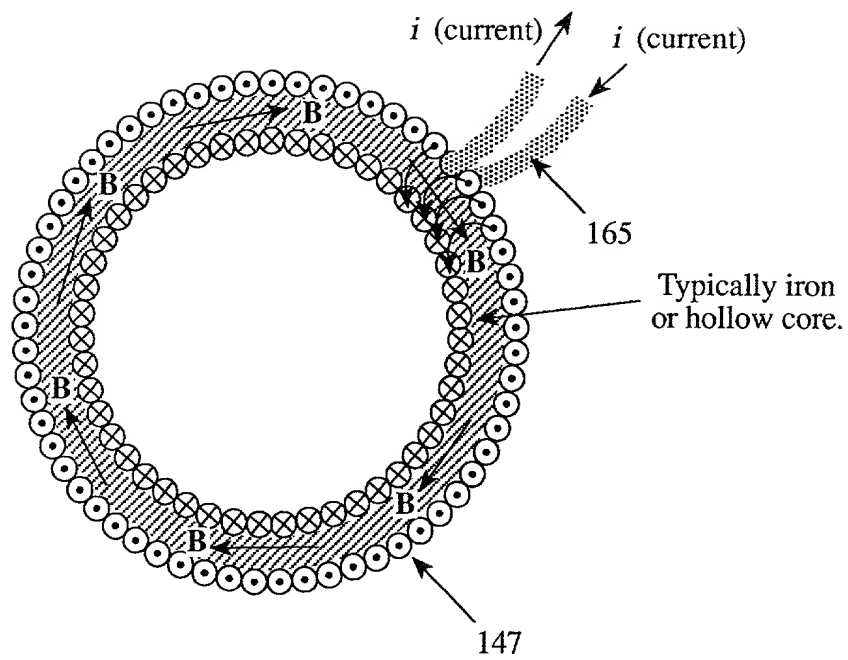
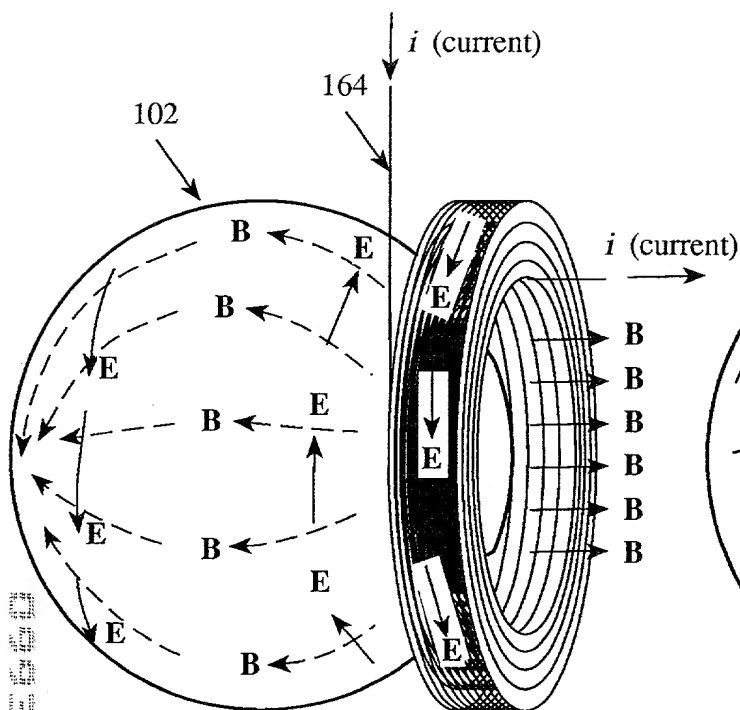
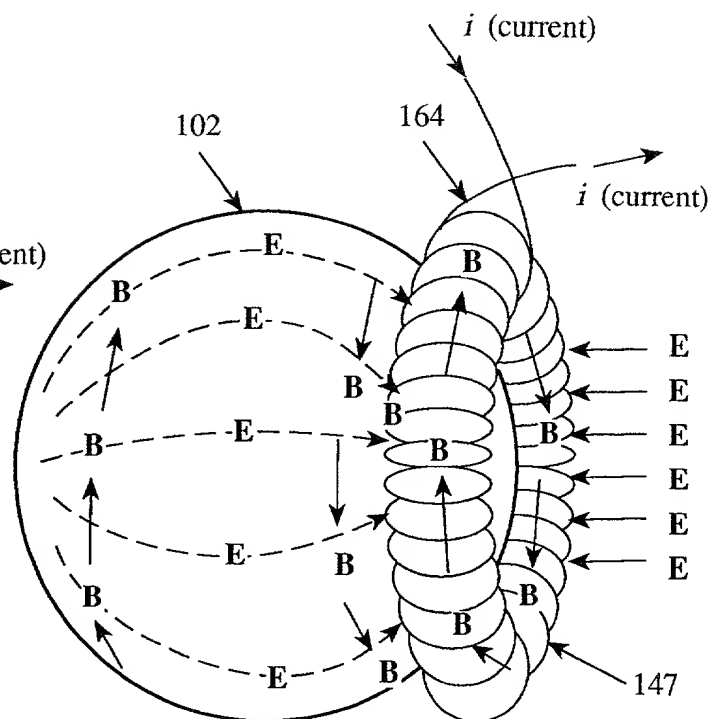


Figure 52



Interaction of
a normal coil's E & B fields with
a conducting sphere's E & B fields.

Figure 53(a)



Interaction of
a Rowland Ring coil's E & B fields with
a conducting sphere's E & B fields.

Figure 53(b)

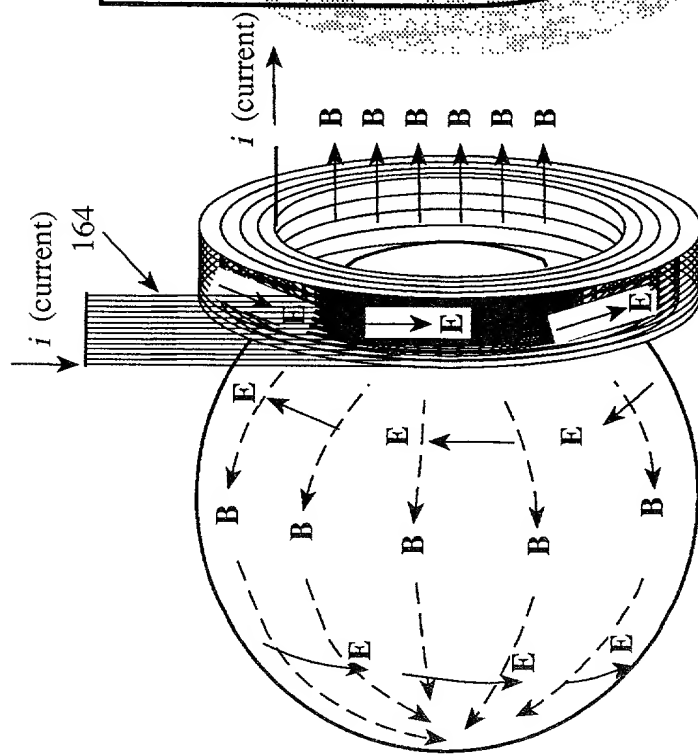


Figure 54(a)

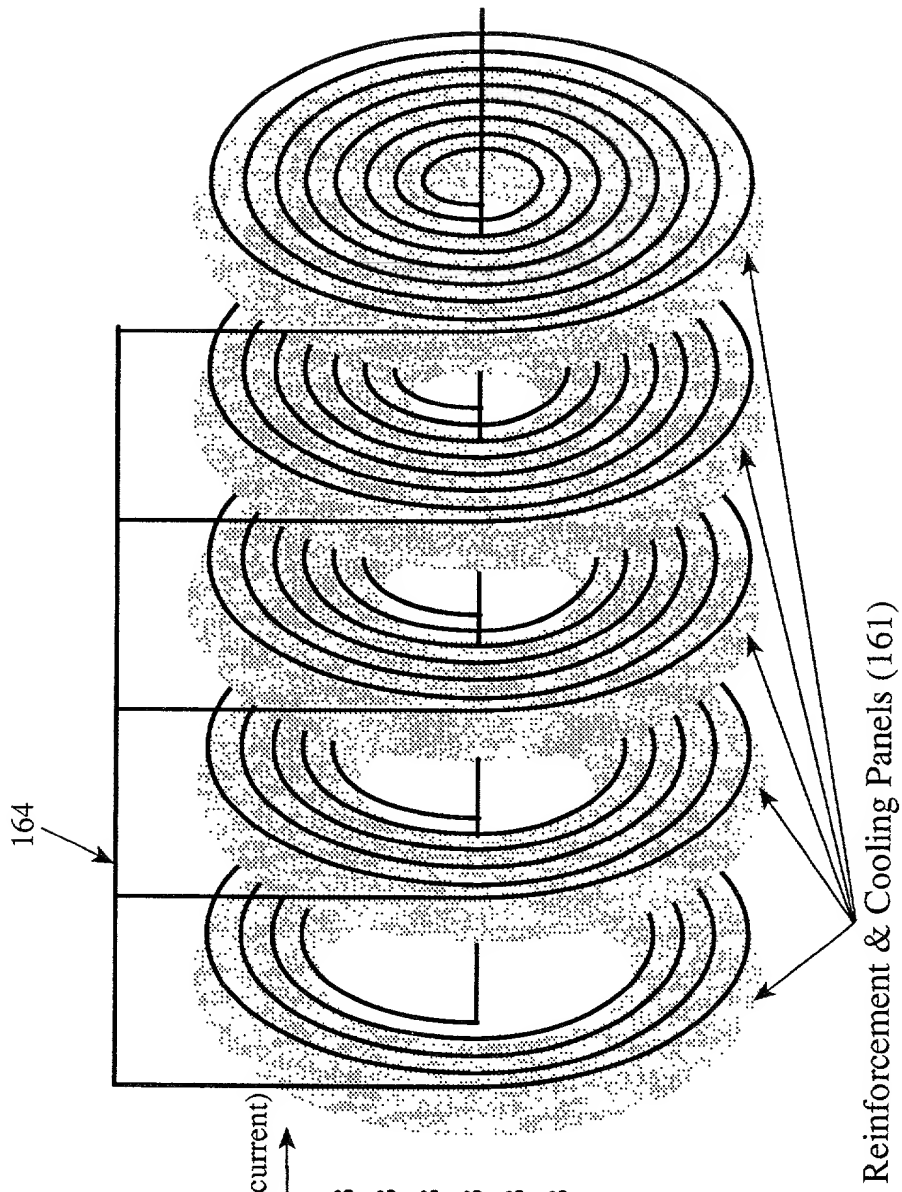


Figure 54(b)

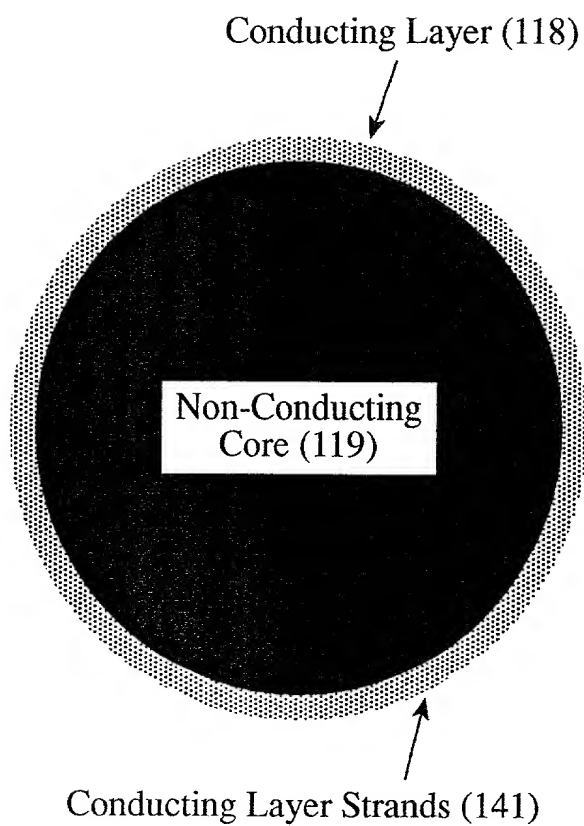


Figure 55(a)

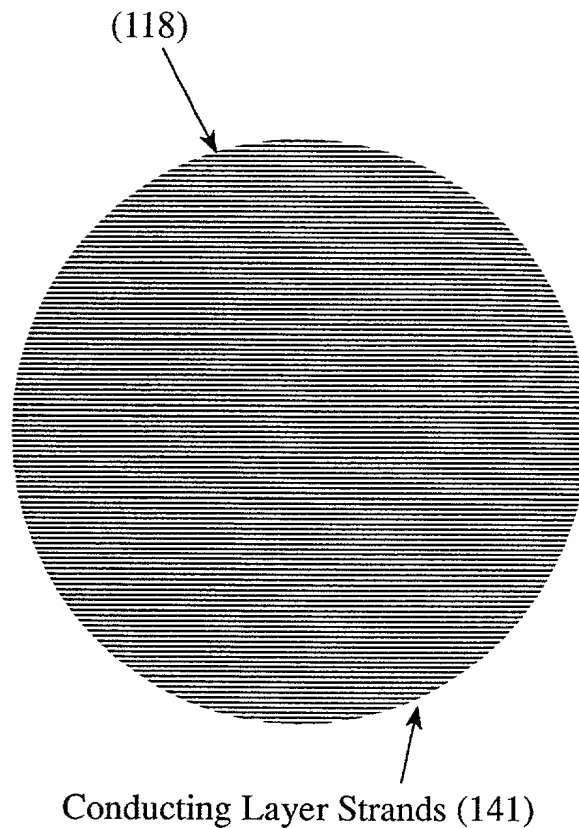


Figure 55(b)

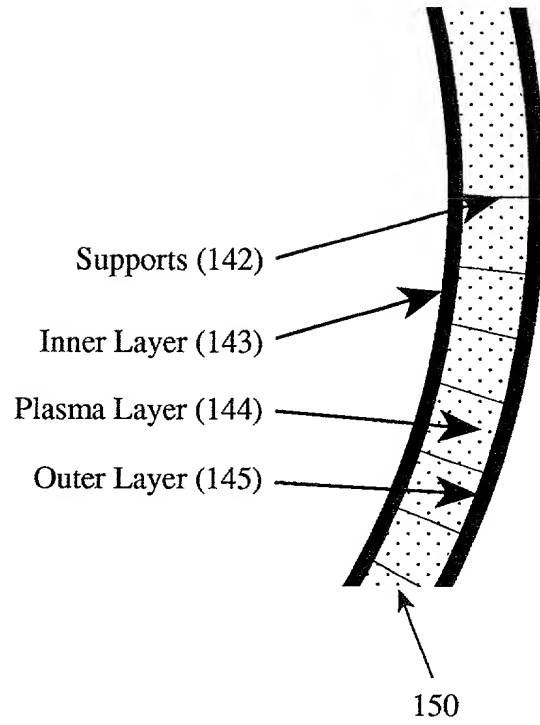


Figure 56

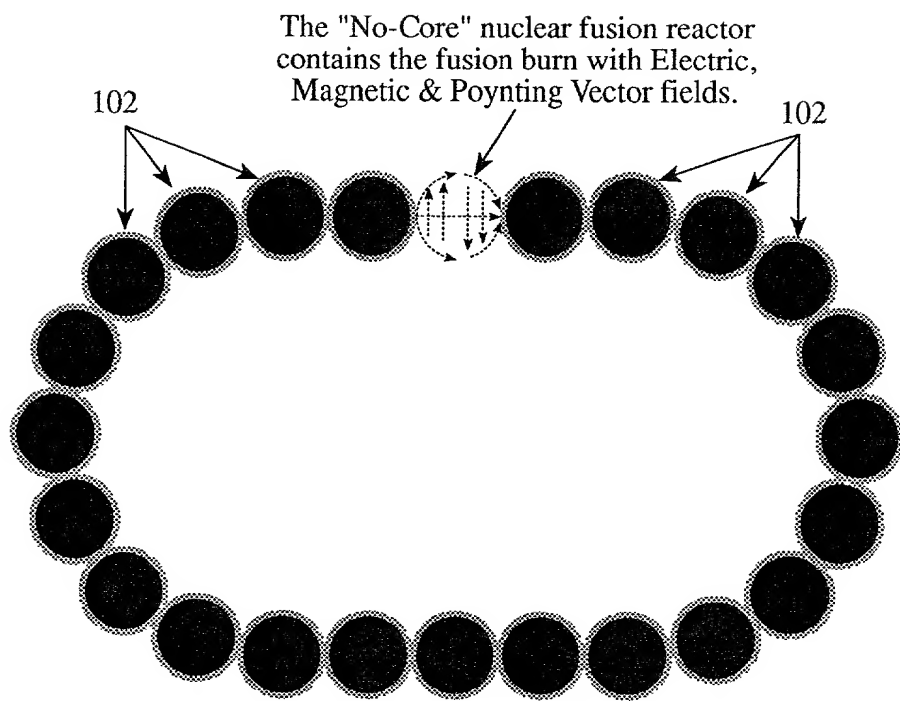


Figure 57

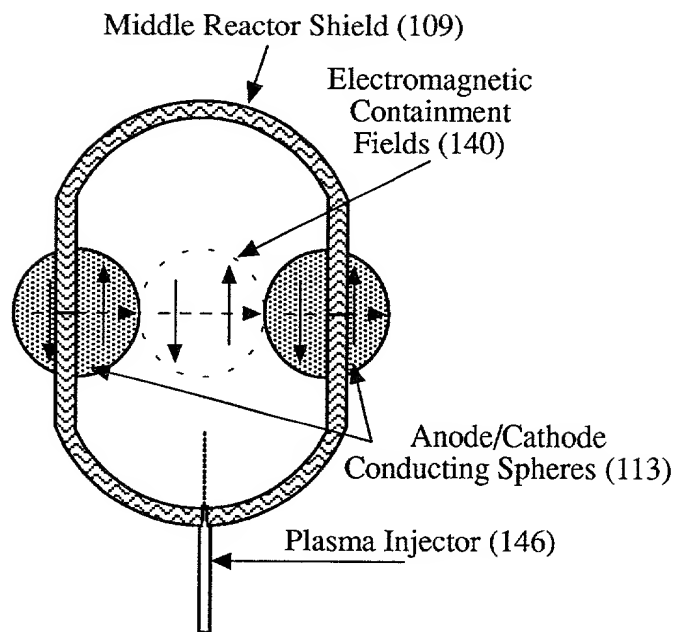


Figure 58

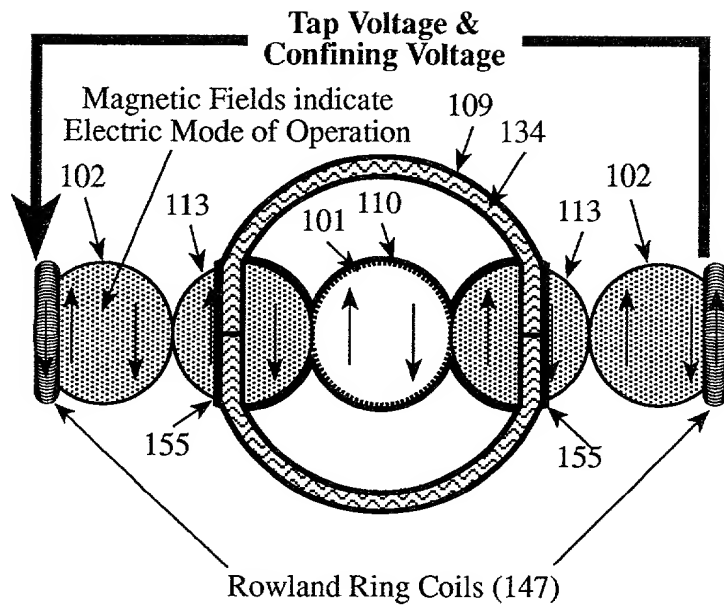


Figure 59

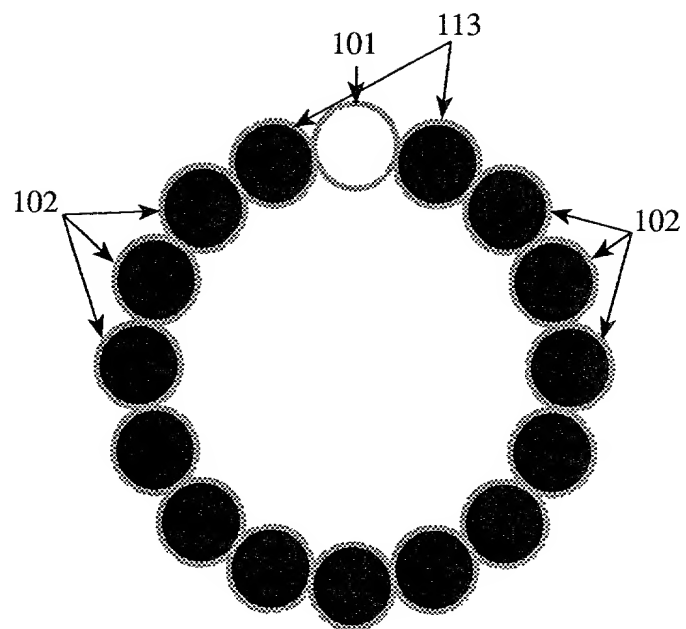


Figure 60

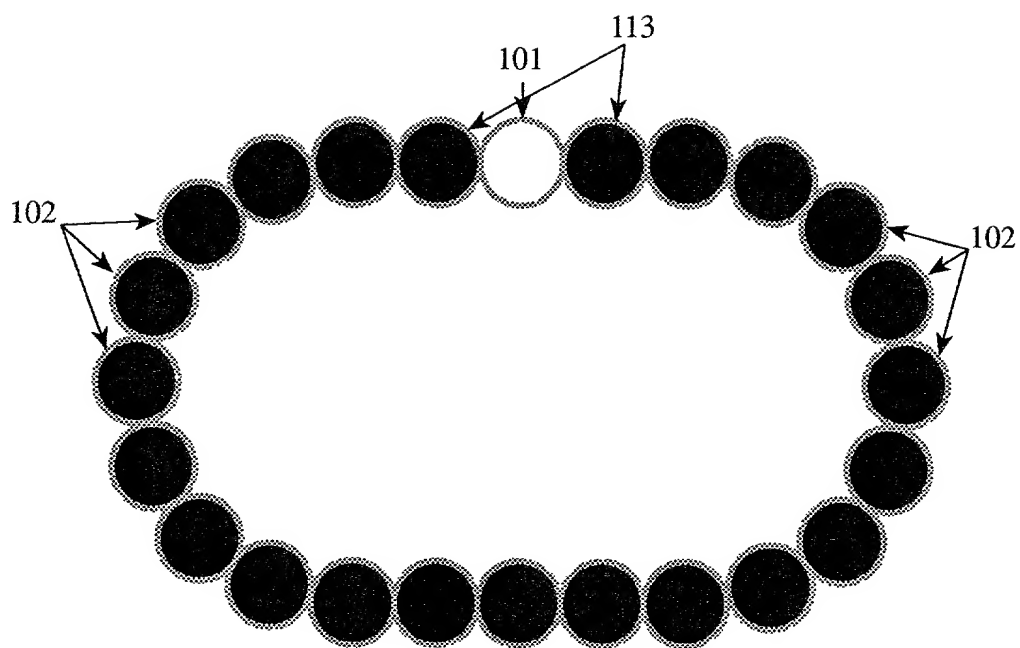


Figure 61

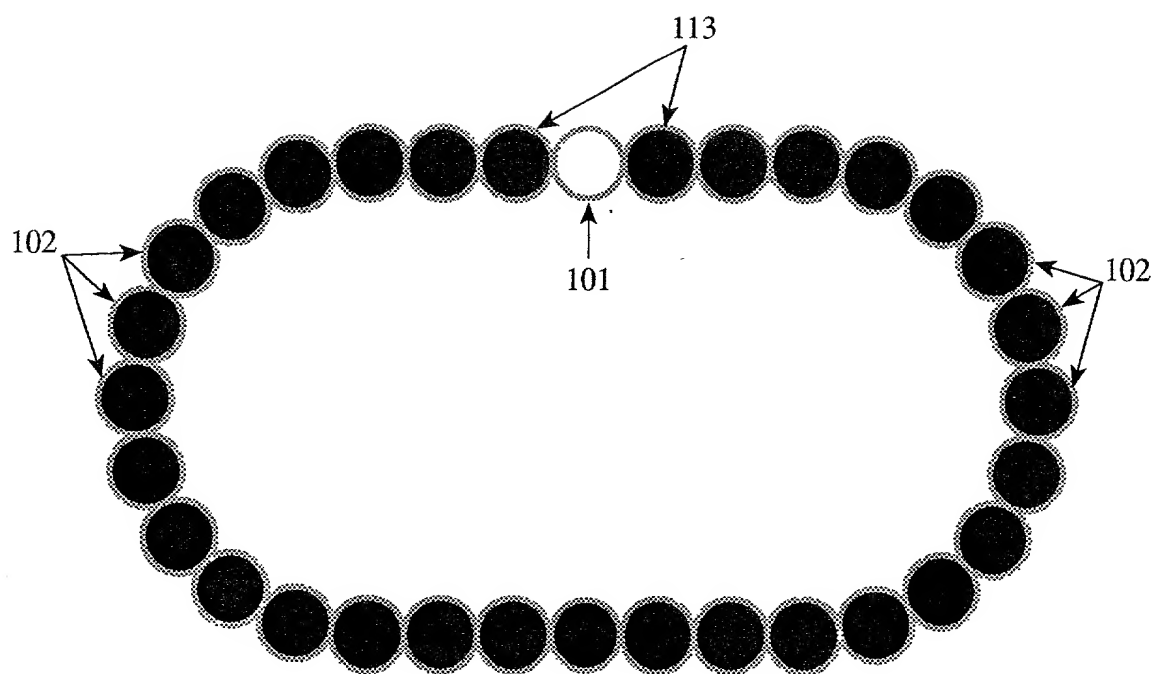


Figure 63

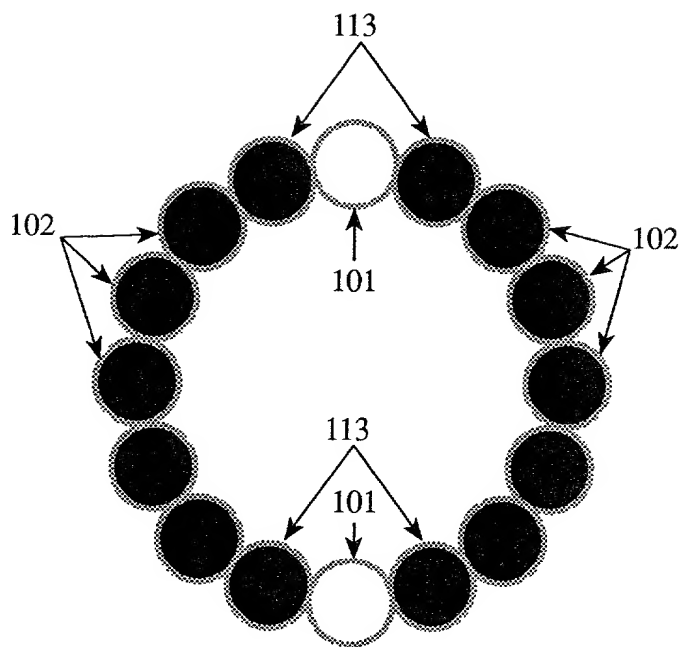


Figure 64

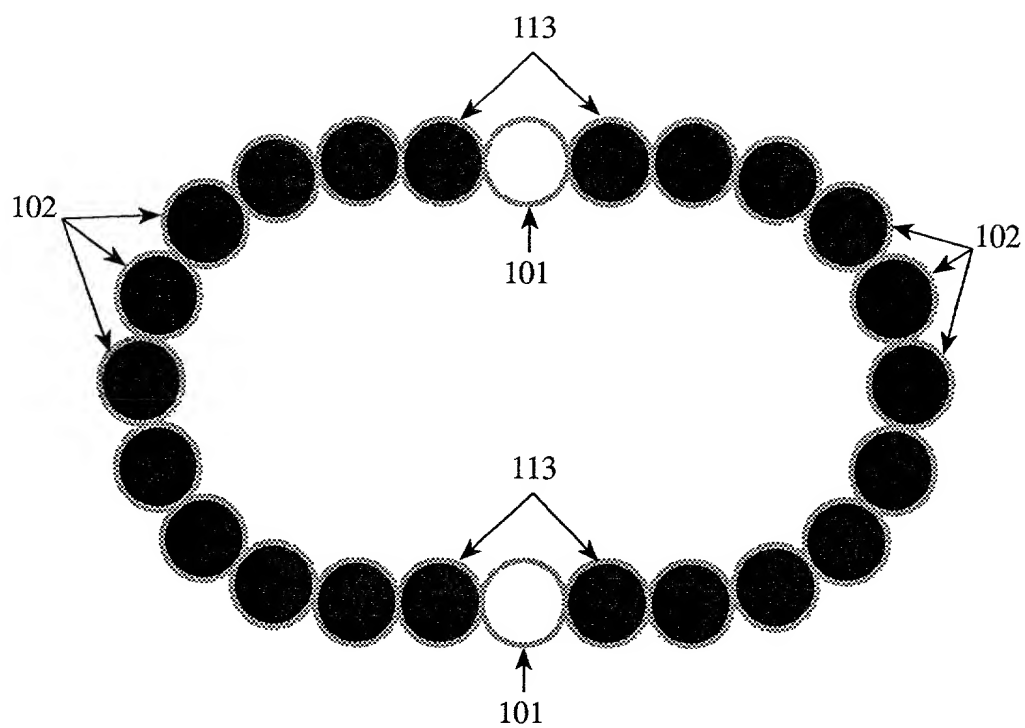


Figure 65

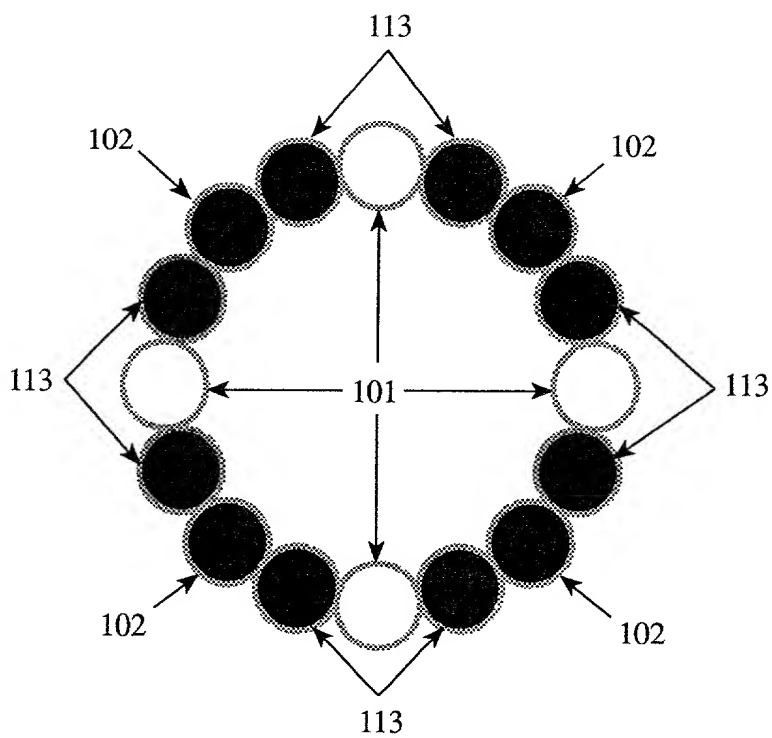


Figure 66

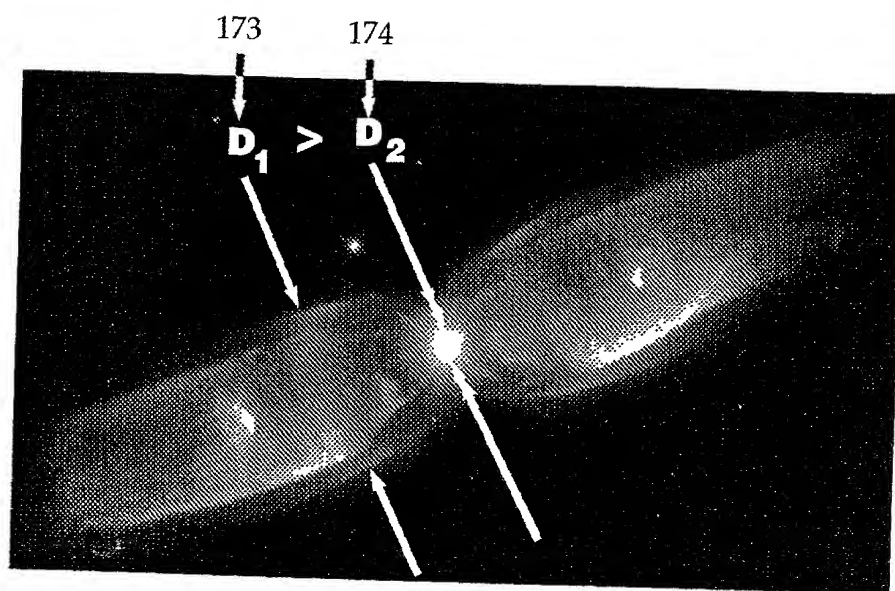
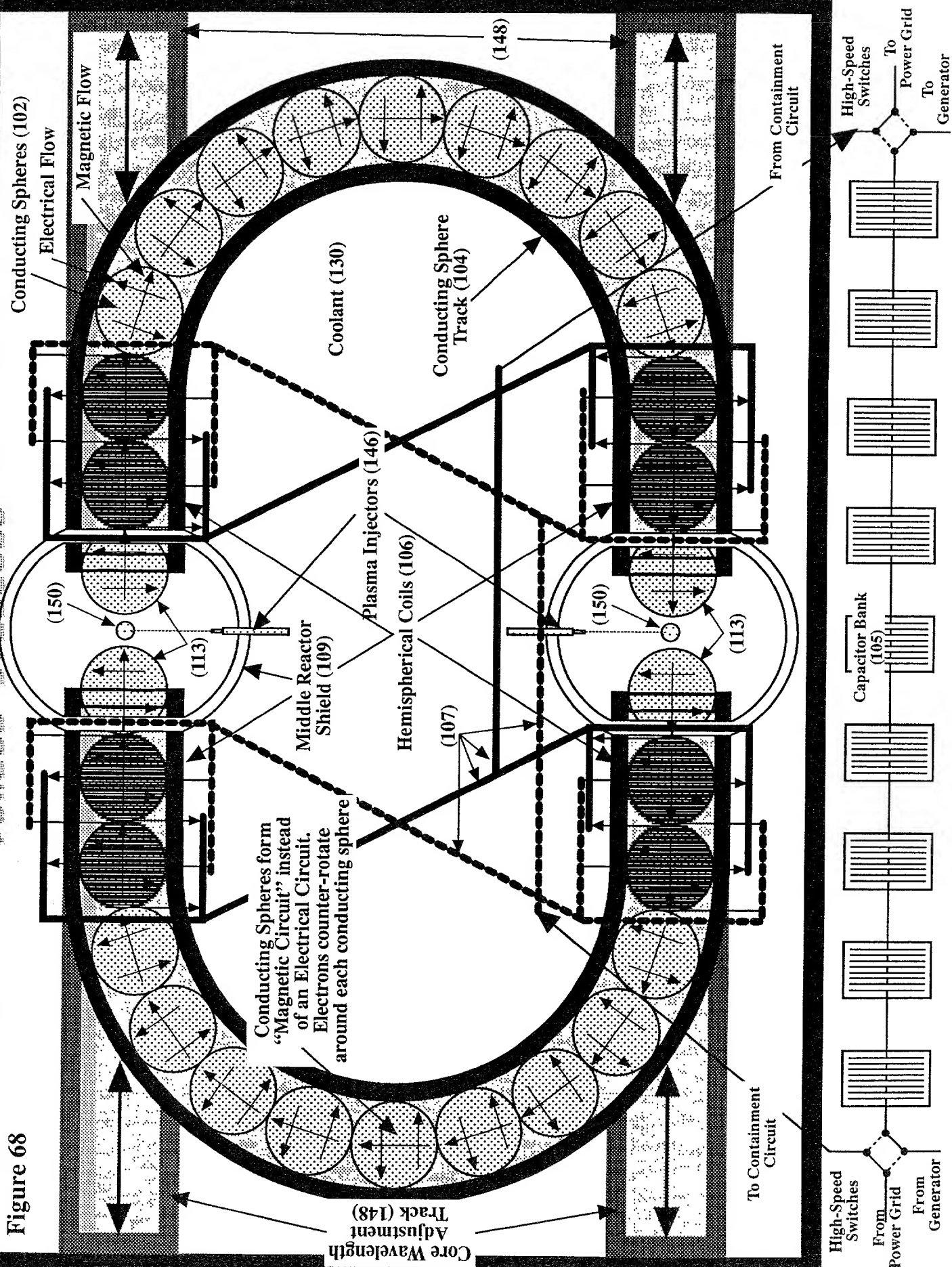


Figure 67

Figure 68



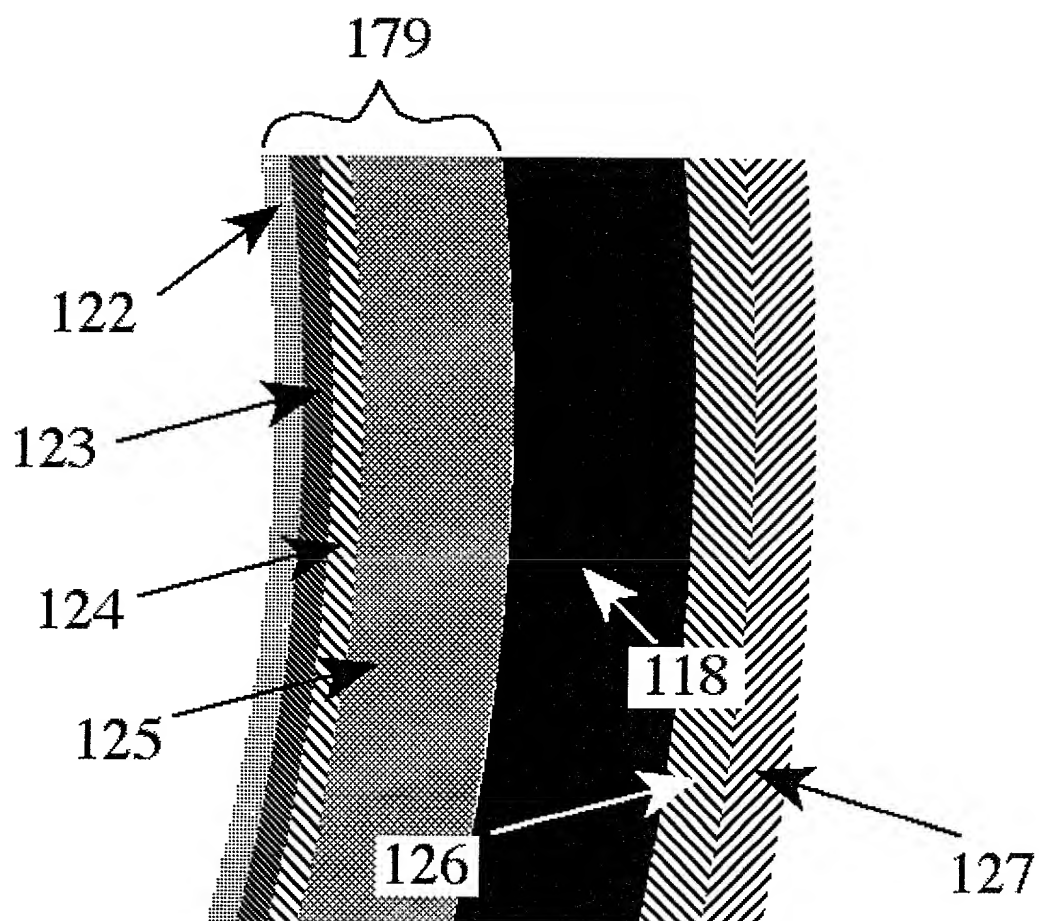


Figure 69

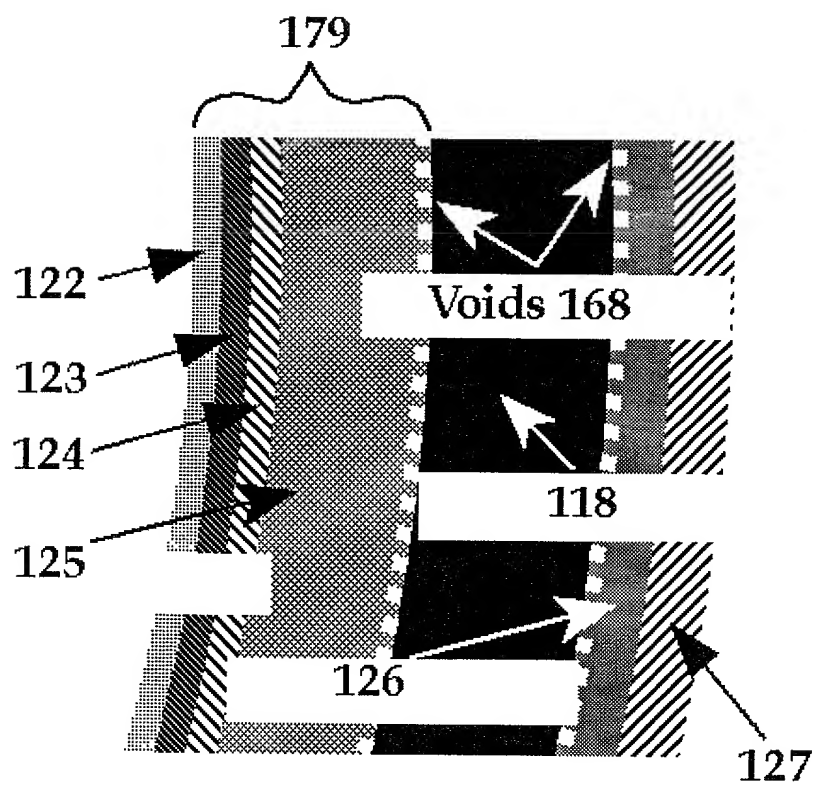


Figure 70

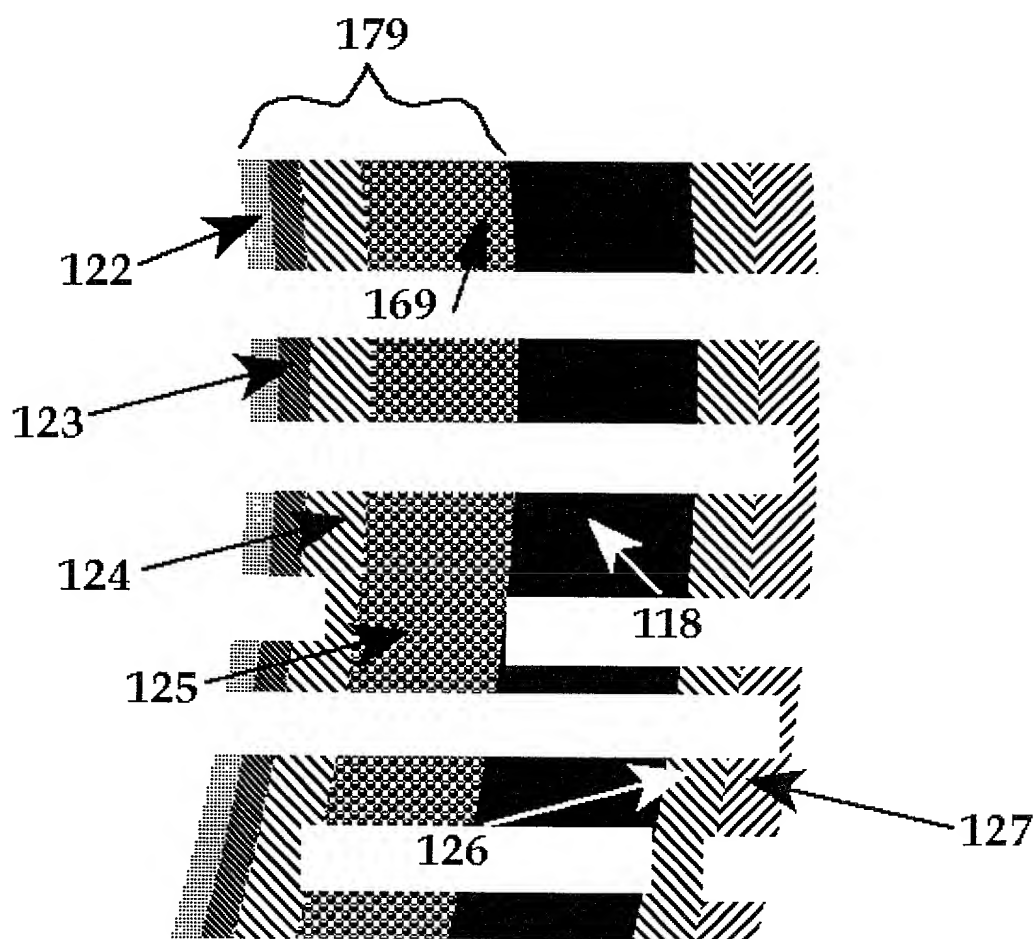


Figure 71

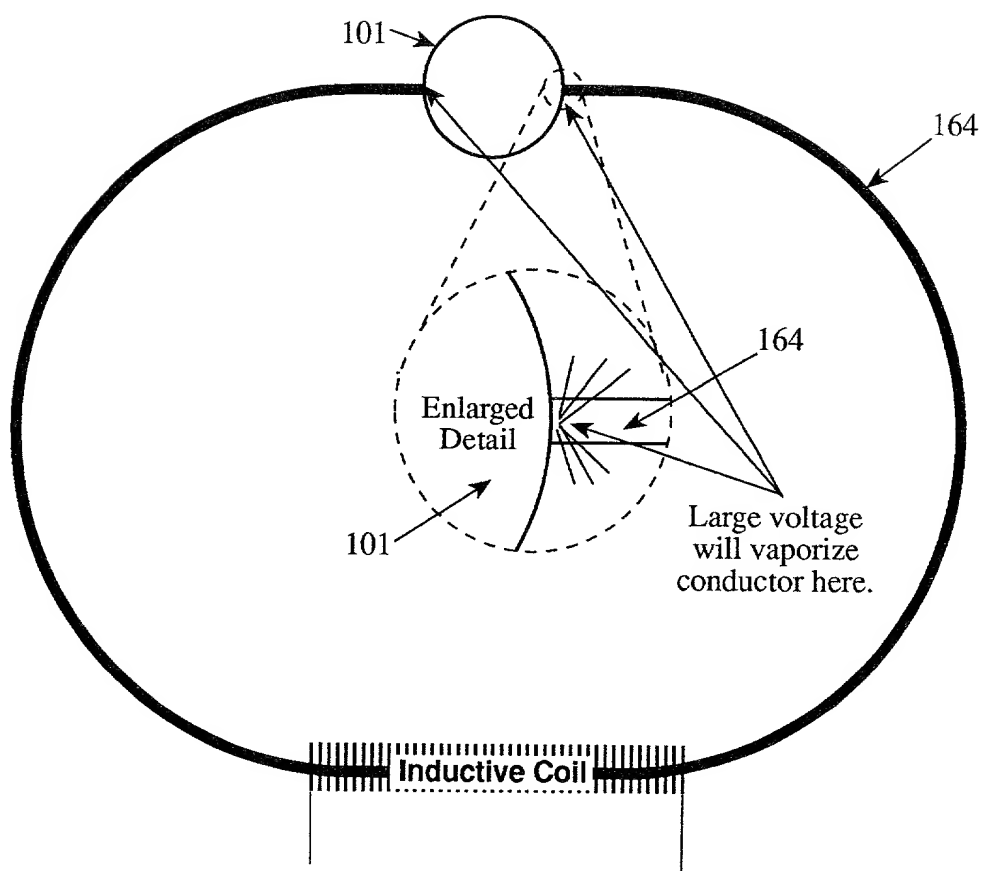


Figure 72

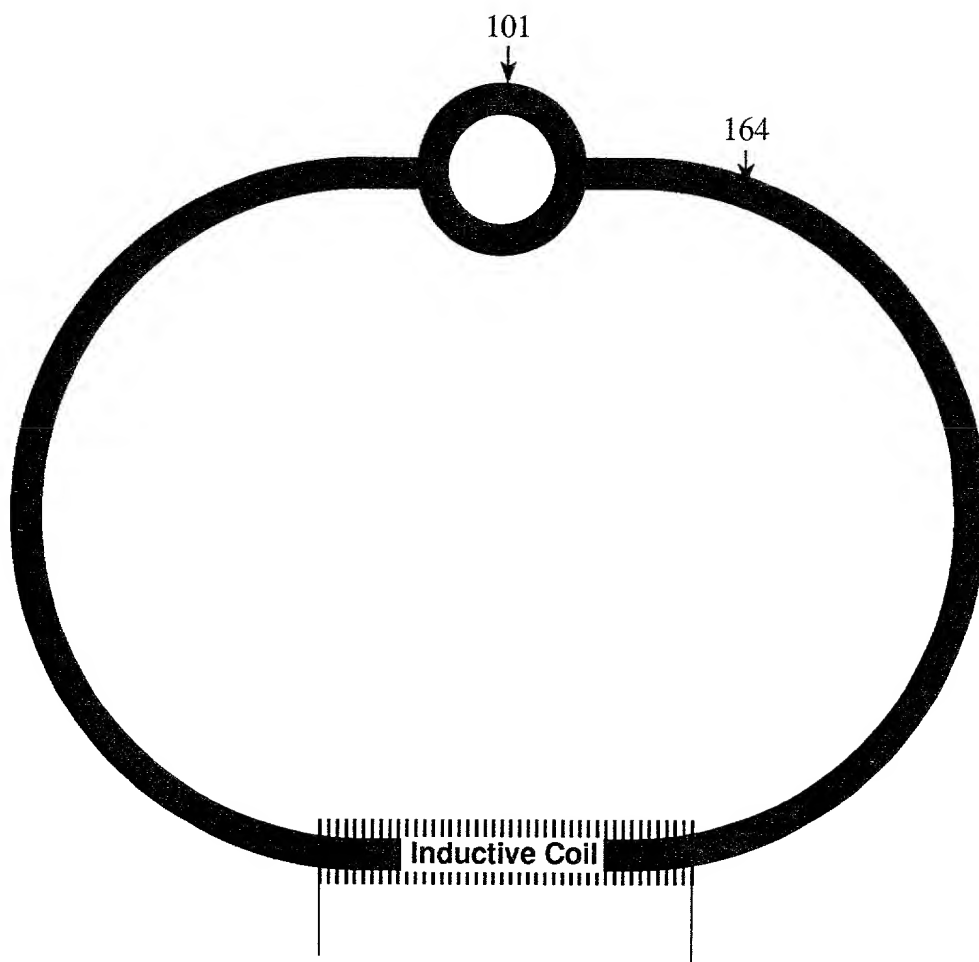


Figure 73

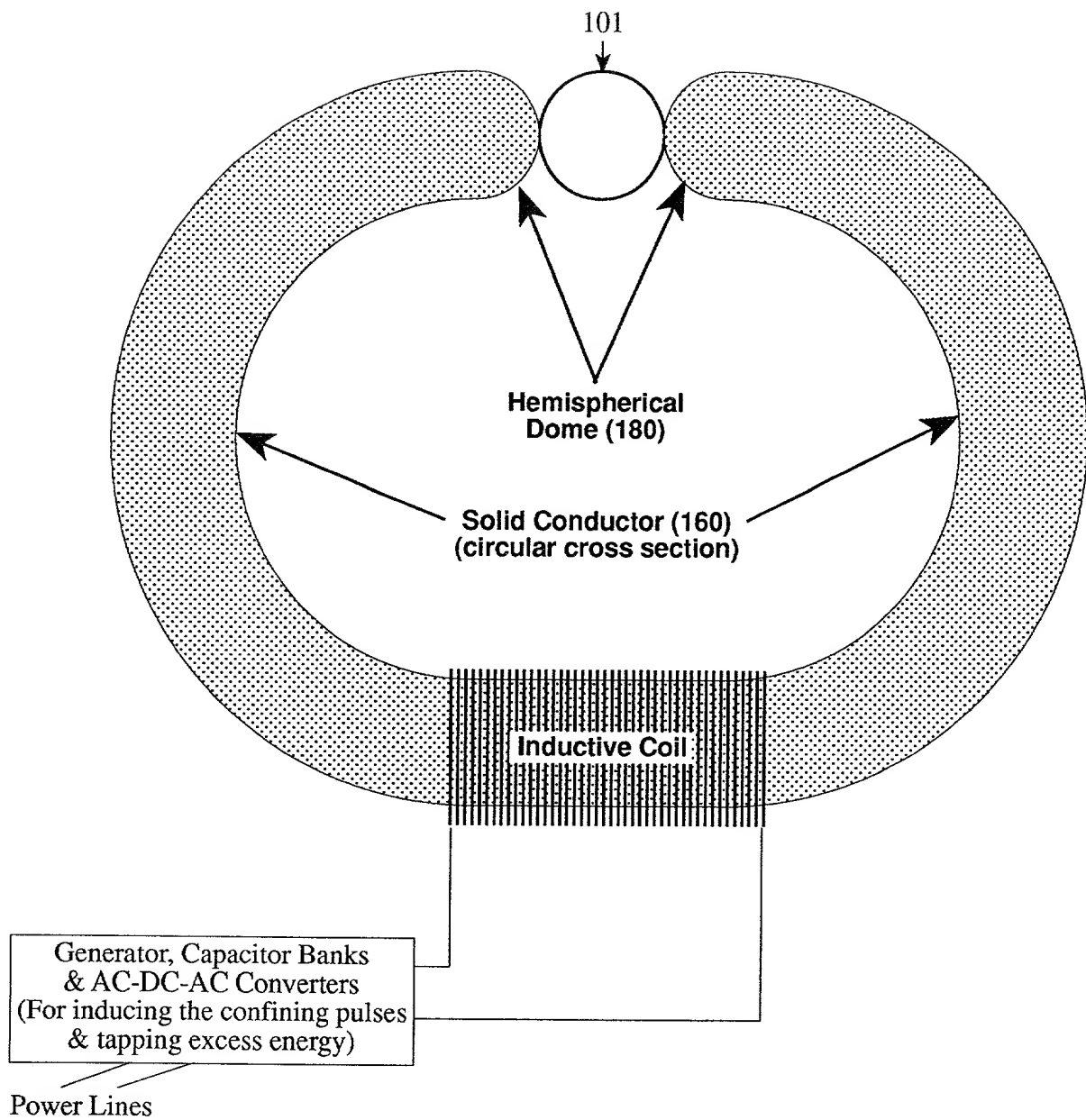


Figure 74

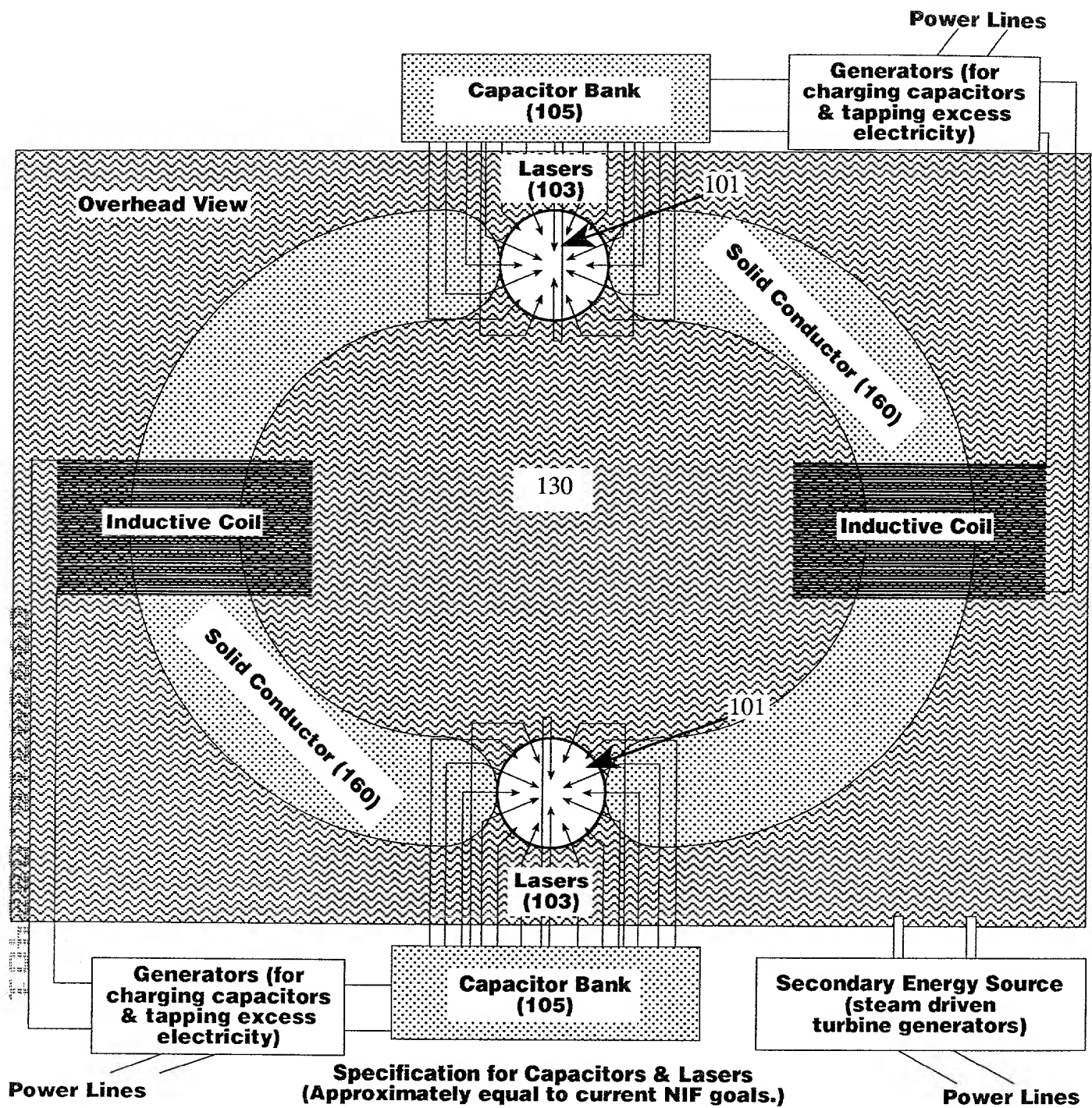


Figure 75

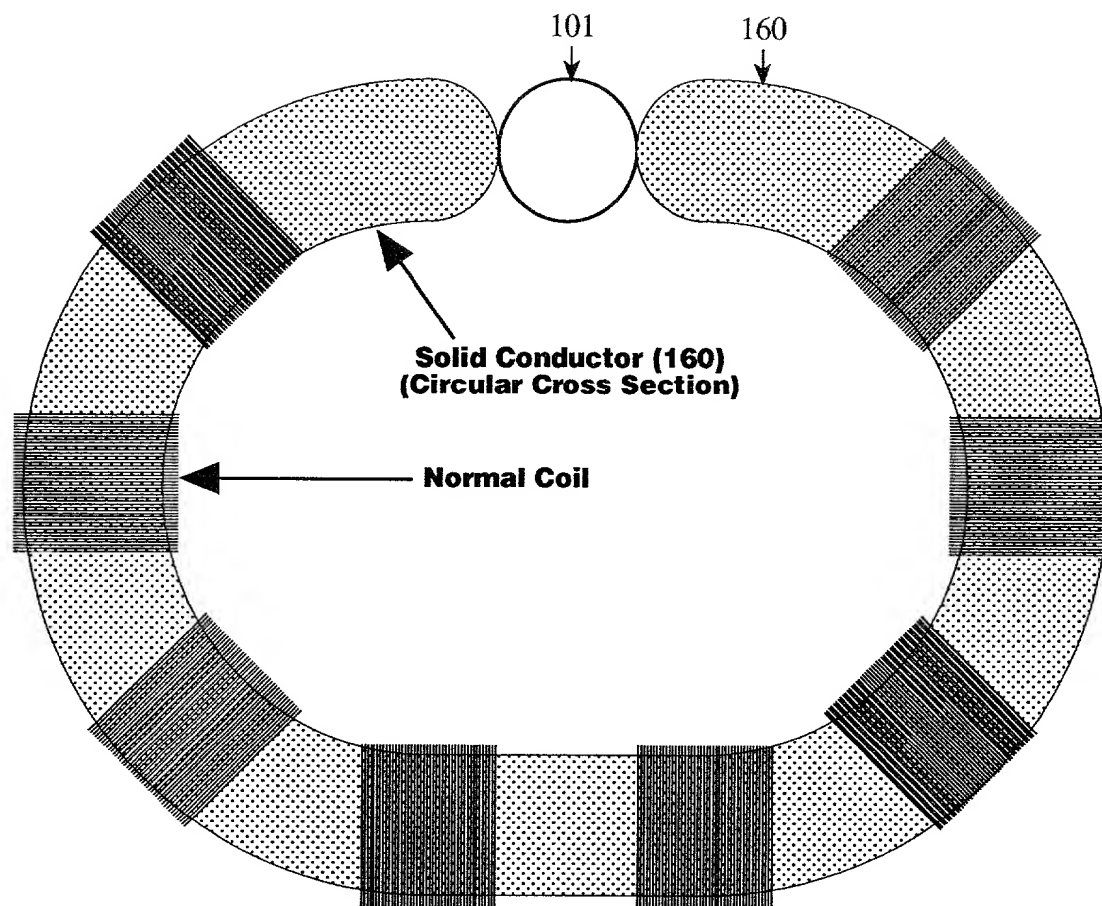


Figure 76

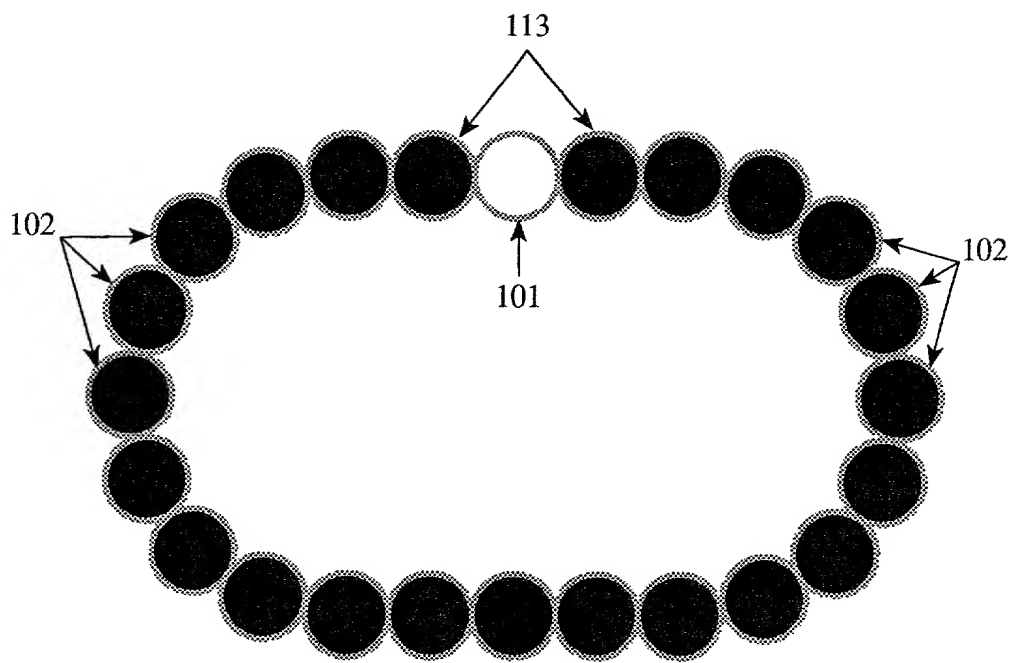


Figure 77

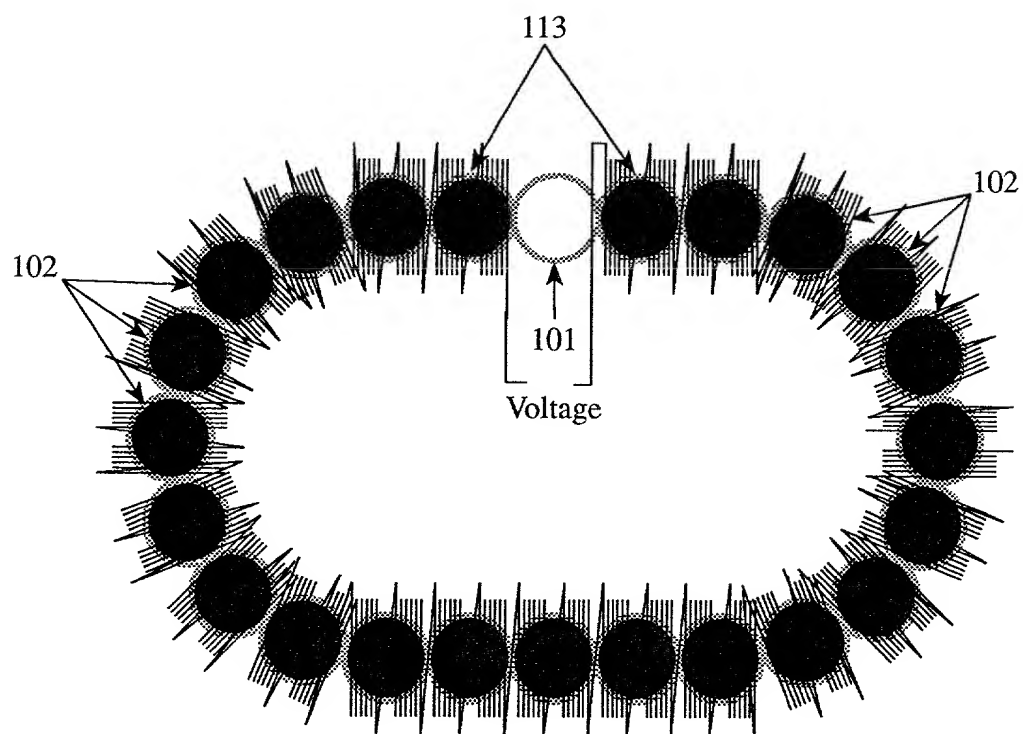


Figure 78

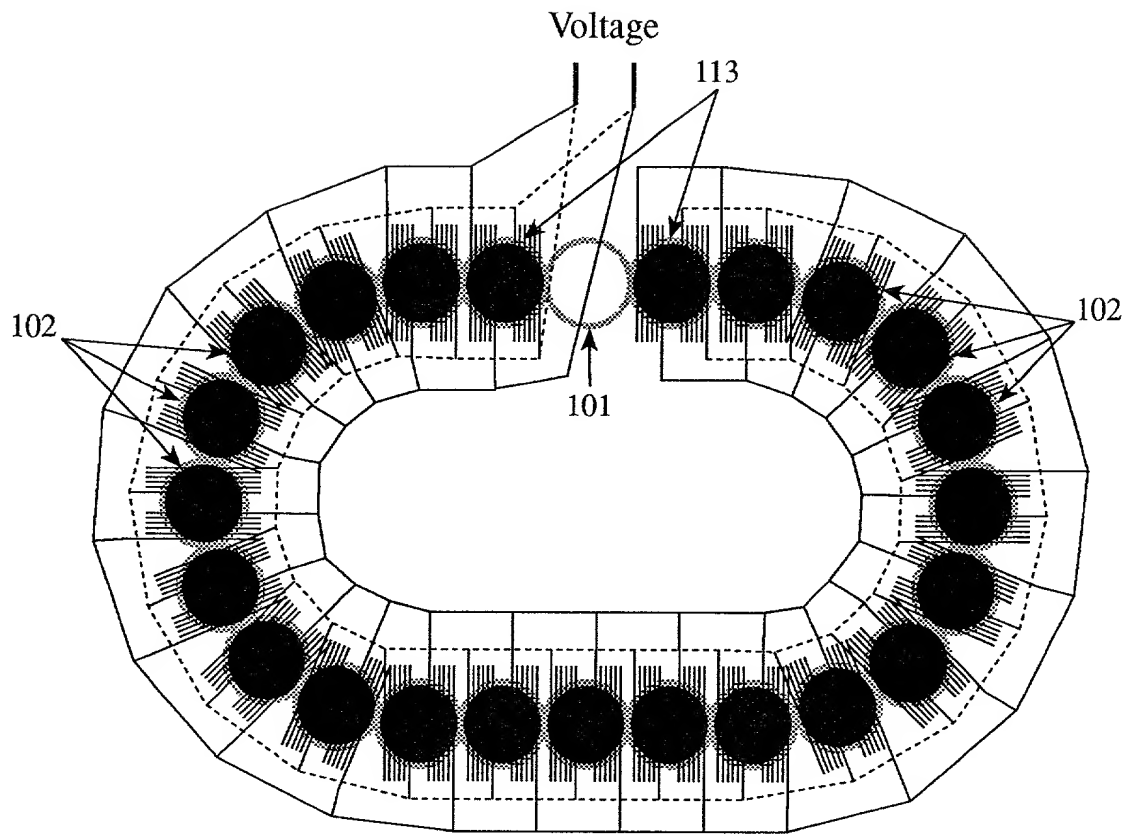
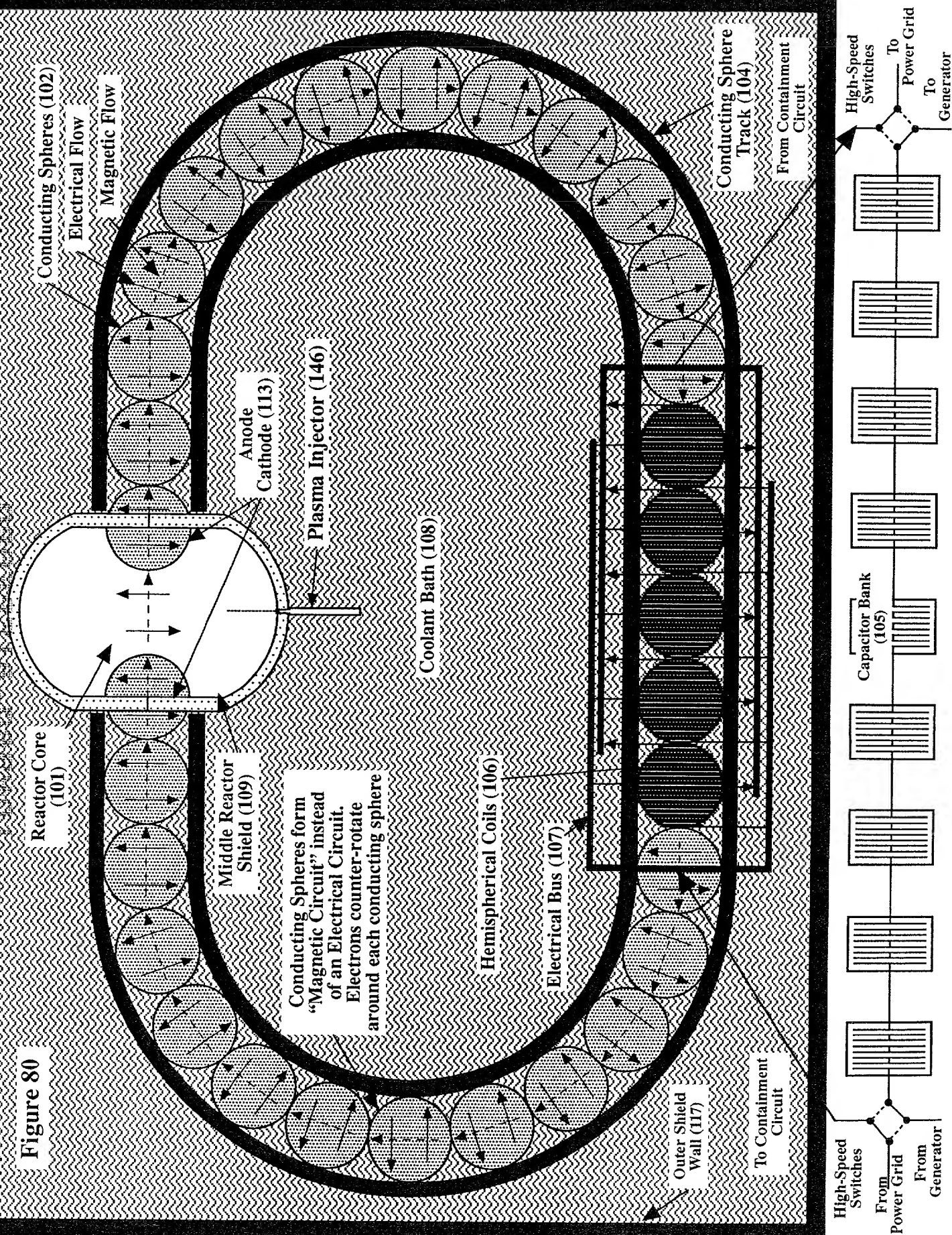


Figure 79

Figure 80



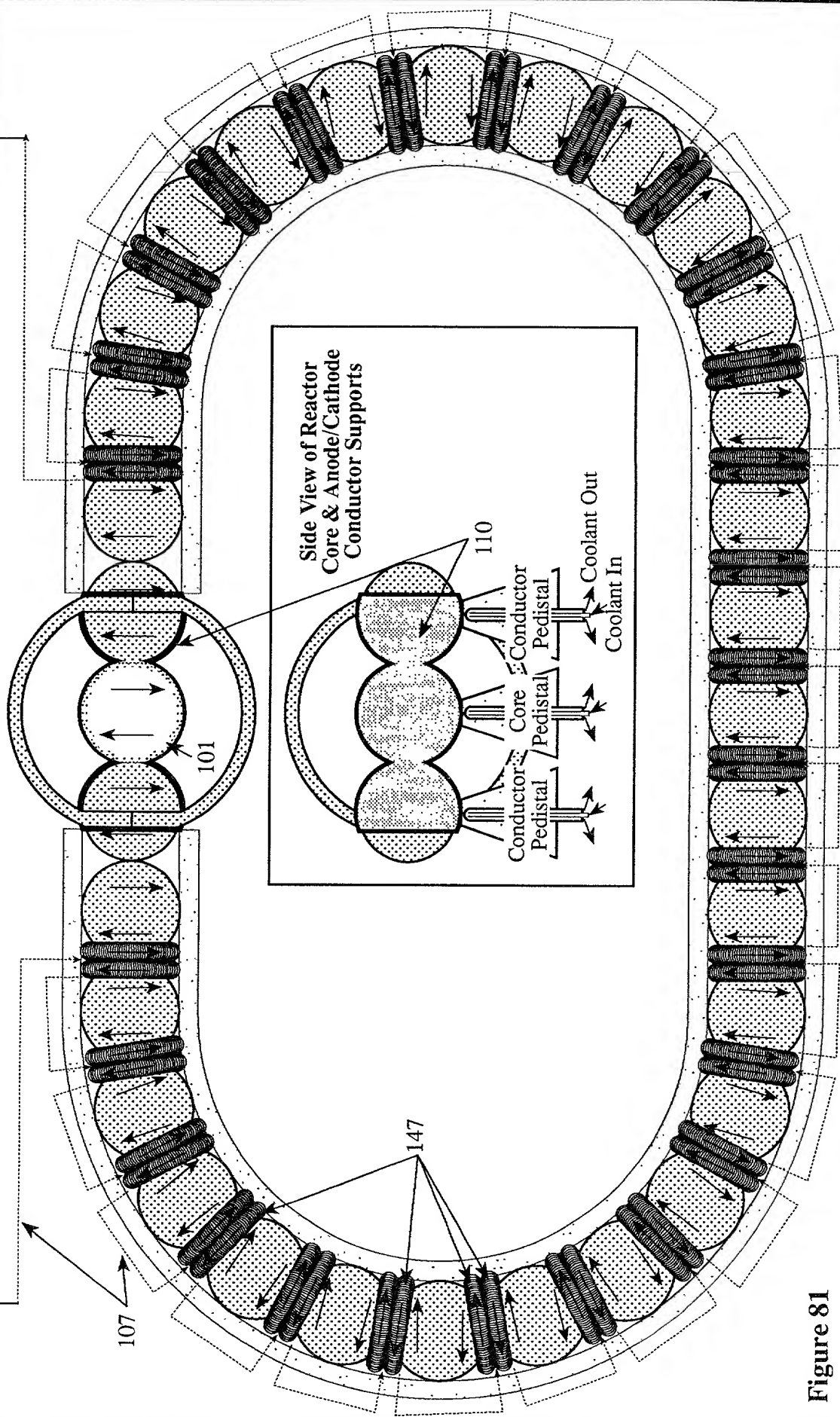
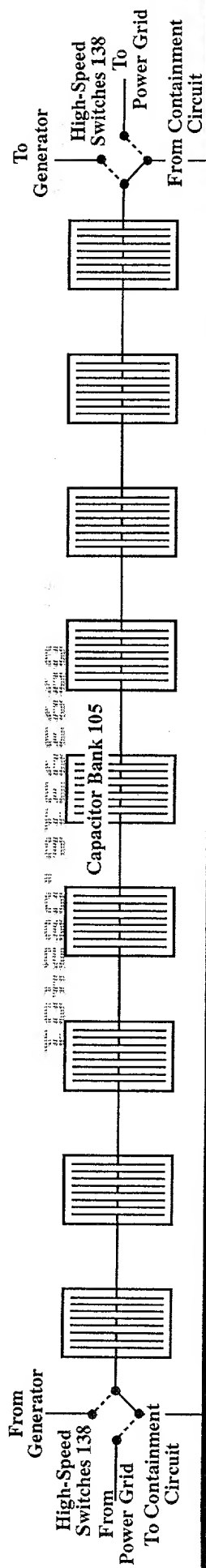


Figure 81

Figure 82

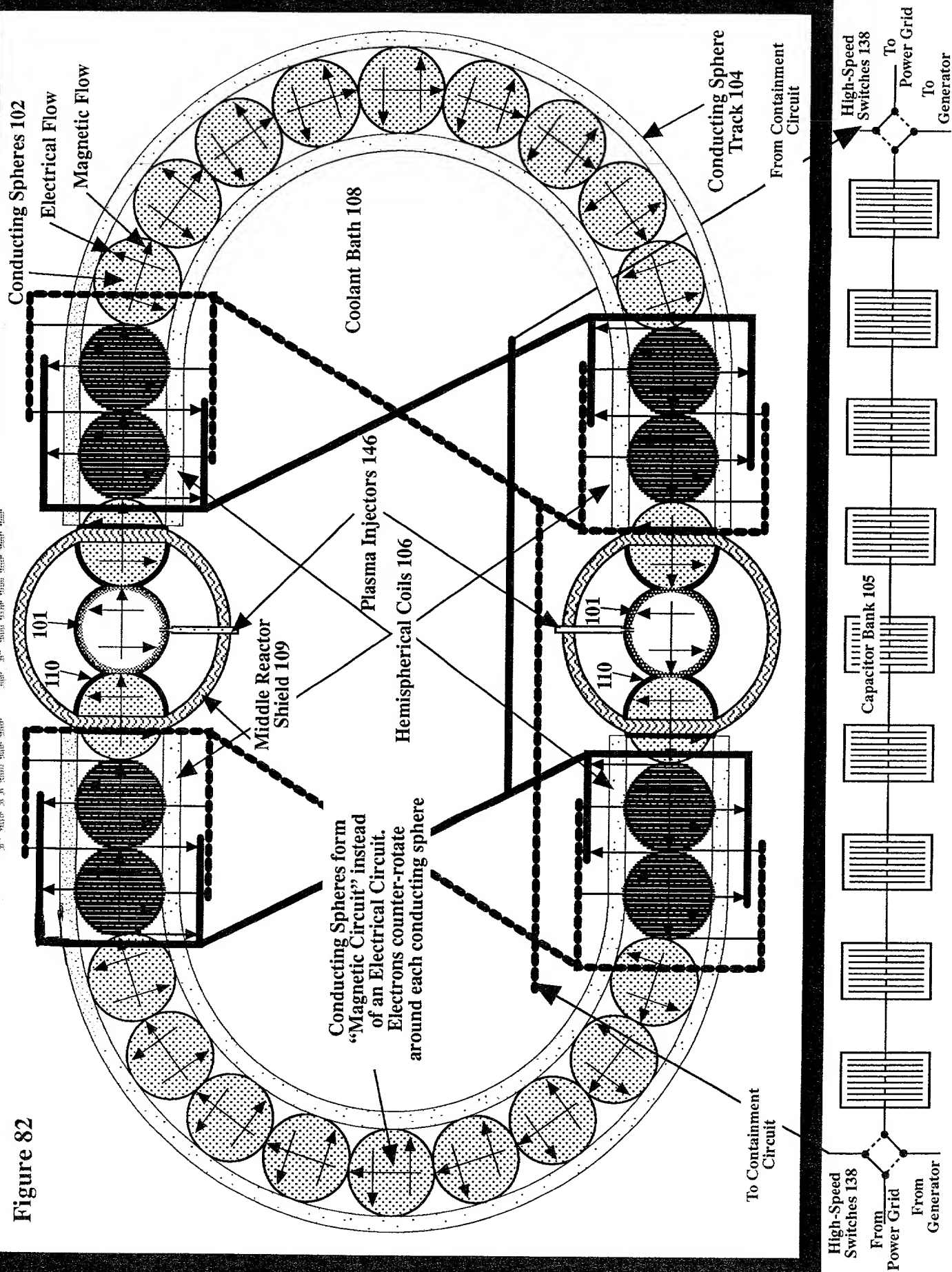


Figure 83

